

Apoptosis

www.genetex.com

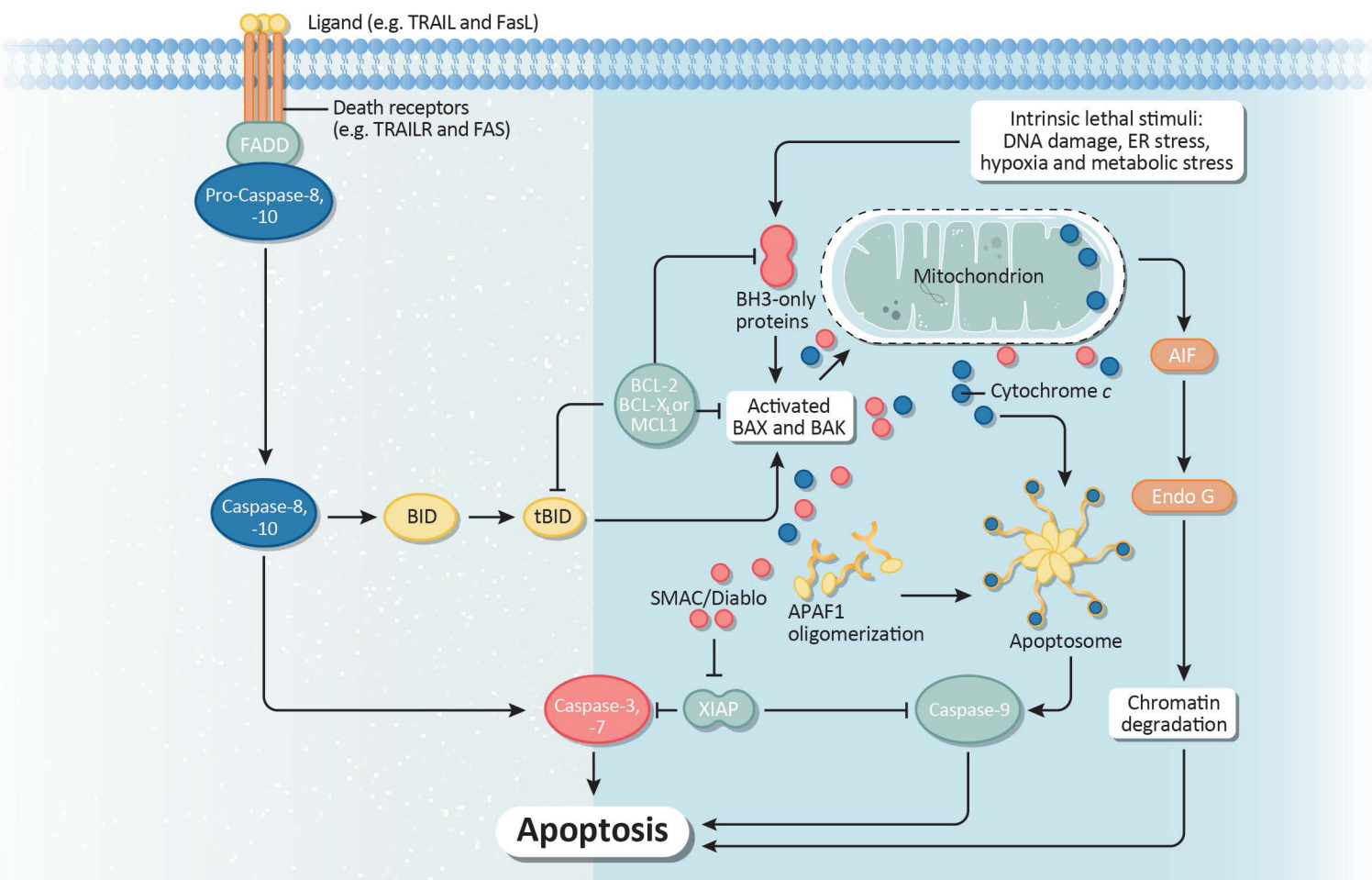
Your Expertise

Our Antibodies

Accelerated Discovery

Extrinsic pathway

Intrinsic pathway



Apoptosis is programmed cell death and is crucial for development and tissue homeostasis. It can be initiated by various stimuli and can progress through a receptor-mediated extrinsic pathway or an intrinsic pathway that starts with mitochondrial events. A spectrum of key players is involved, including transcription factors such as the tumor suppressor p53 and FOXO3a that drive expression of pro-apoptotic genes, effectors such as Caspase 3 and ROCK1, and factors like PARP and AIF that function in a caspase-independent pathway.

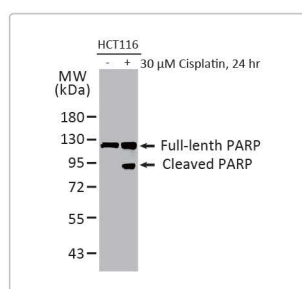
Highlighted Products

Recombinant Citation Support

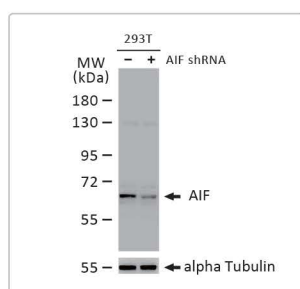
KO/KD Validation

Comparable Abs

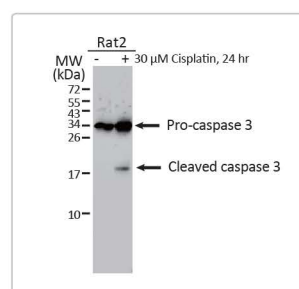
Orthogonal Validation



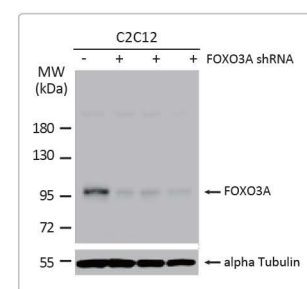
PARP antibody [HL1364]
(GTX636804)



AIF antibody [N1C1]
(GTX113306)

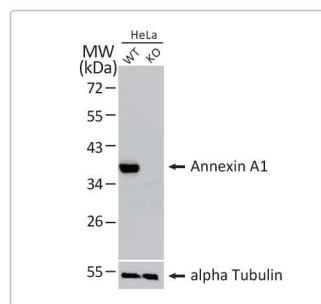


Caspase 3 antibody [HL1370]
(GTX636810)

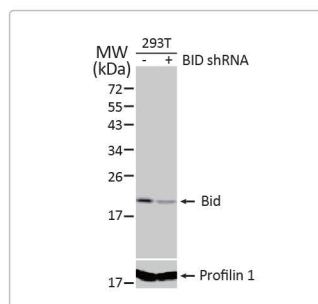


FOXO3A antibody [C3],
C-term(GTX100277)

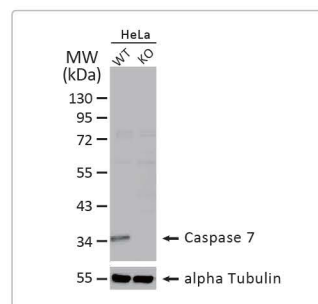
Cat. No.	Product Name	Clonality	Reactivity	Applications
GTX113306	AIF antibody [N1C1]	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
GTX638119	Annexin A1 antibody [HL2141]	Rec Rb mAb	Hu,Ms,Rat	WB, IHC-P
GTX638120	Annexin A1 antibody [HL2142]	Rec Rb mAb	Hu	WB
GTX101070	Annexin A1 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IP
GTX113329	Annexin A1 antibody	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P
GTX103250	Annexin V antibody	Rb pAb	Hu,Ms,Rat	WB, FACS
GTX101067	APAF1 antibody [C3], C-term	Rb pAb	Hu,Ms,Rat	IHC-P
GTX637922	AXL antibody [HL2021]	Rec Rb mAb	Hu	WB, ELISA
GTX635210	AXL antibody [GT1174]	Ms mAb	Hu,Ms	WB
GTX108560	AXL antibody	Rb pAb	Hu	WB, IHC-P
GTX129406	AXL antibody	Rb pAb	Hu,Rat	WB, IHC-P
GTX129407	AXL antibody	Rb pAb	Hu	WB, IHC-P, ELISA
GTX130108	Bad antibody	Rb pAb	Hu	WB, IHC-P
GTX100063	BAK antibody [N1N2], N-term	Rb pAb	Hu	WB, IHC-P
GTX635715	Bax antibody [HL236]	Rec Rb mAb	Hu,Ms,Rat	WB, IHC-P
GTX109683	Bax antibody [N1N2], N-term	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IP
GTX100440	Bcl-2 antibody	Rb pAb	Hu	WB
GTX628905	Bcl-2 antibody [GT11210]	Ms mAb	Hu	WB, IHC-P
GTX100064	Bcl-2 antibody [N1N2], N-term	Rb pAb	Hu,Ms,Rat,Zfsh,Cat,Dog	WB, ICC/IF, IHC-P
GTX129653	Bcl-2 (phospho Ser70) antibody	Rb pAb	Hu	WB
GTX129654	Bcl-2 (phospho Ser87) antibody	Rb pAb	Hu	WB
GTX637939	Bcl-XL antibody [HL2038]	Rec Rb mAb	Hu,Ms,Rat	WB, IHC-P
GTX637940	Bcl-XL antibody [HL2039]	Rec Rb mAb	Hu	WB, ICC/IF
GTX101323	Bid antibody [N1C3]	Rb pAb	Hu	WB, IP
GTX110568	Bid antibody [N1C3-2]	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IP
GTX108852	BMF antibody [N1C3-2]	Rb pAb	Hu	WB
GTX636515	BNIP3L antibody [HL1203]	Rec Rb mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
GTX111876	BNIP3L antibody	Rb pAb	Hu,Ms,Rat,Bov	WB, ICC/IF, IHC-P
GTX637294	C1qA antibody [HL1695]	Rec Rb mAb	Hu,Ms,Rat	WB
GTX134007	C1qA antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
GTX101401	CAD antibody [C2C3], C-term	Rb pAb	Hu,Ms	WB, IHC-P
GTX110542	Caspase 2 antibody	Rb pAb	Hu	WB
GTX636810	Caspase 3 antibody [HL1370]	Rec Rb mAb	Hu,Rat	WB, IHC-P
GTX110543	Caspase 3 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IP
GTX123678	Caspase 3 antibody	Rb pAb	Hu,Ms,Rat,P. xylostella	WB, IHC-P
GTX134362	Caspase 6 (cleaved Asp162) antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P
GTX123679	Caspase 7 antibody	Rb pAb	Hu	WB, IHC-P, IP
GTX110723	Caspase 8 antibody	Rb pAb	Hu,Ms,Rat,Cat,Dog	WB, ICC/IF, IHC-P
GTX134589	Caspase 8 p10 antibody	Rb pAb	Hu	WB, IHC-P
GTX112888	Caspase 9 antibody [N2C3]	Rb pAb	Hu,Ms,Rat,Dog	WB, IHC-P, IP
GTX132331	Caspase 9 (cleaved Asp330) antibody	Rb pAb	Hu,Rat	WB
GTX113148	Caspase 10 antibody	Rb pAb	Hu	WB, ICC/IF, IHC-P
GTX635639	CDKN2A / p16INK4a antibody [GT888]	Ms mAb	Hu	WB, IHC-P



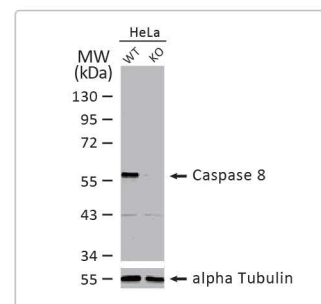
Annexin A1 antibody
(GTX101070)



Bid antibody [N1C3-2]
(GTX110568)

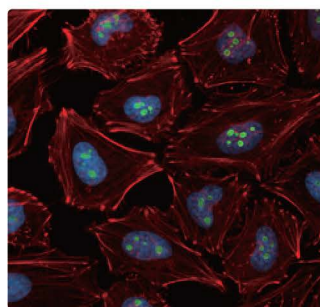


Caspase 7 antibody
(GTX123679)

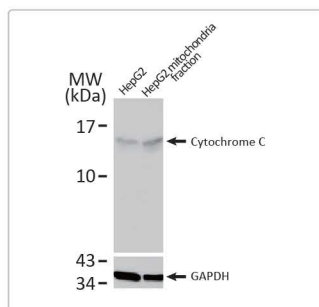


Caspase 8 antibody
(GTX110723)

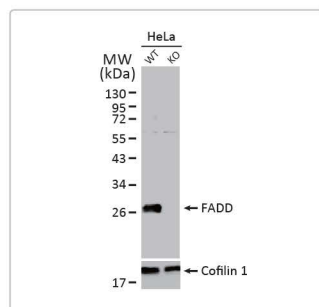
	Cat. No.	Product Name	Clonality	Reactivity	Applications
	GTX129902	CDKN2A / p14ARF antibody	Rb pAb	Hu	WB, IHC-P
	GTX129903	CDKN2A / p14ARF antibody	Rb pAb	Hu	WB, IHC-P, IP
	GTX135119	CDKN2A / p16INK4a antibody	Rb pAb	Hu	WB, ICC/IF, IP
	GTX635979	cIAP1 antibody [HL1045]	Rec Rb mAb	Hu	WB, IHC-P
	GTX629402	cIAP1 antibody [GT422]	Ms mAb	Hu,Ms,Rat,Cat,Dog	WB, IHC-P
	GTX110087	cIAP1 antibody	Rb pAb	Hu	WB, ICC/IF
	GTX628459	c-Myc antibody [GT168]	Ms mAb	Hu,Ms,Rat	WB, IHC-P
	GTX103436	c-Myc antibody	Rb pAb	Hu	WB, IHC-P, FACS, IP
	GTX109636	c-Myc antibody [N1], N-term	Rb pAb	Hu,Ms,X. laevis	WB, ICC/IF, IHC-P, IHC-Fr, IP, ChIP assay
	GTX638209	Cytochrome C antibody [HL2205]	Rec Rb mAb	Hu	WB
	GTX634187	Cytochrome C antibody [GT1711]	Ms mAb	Hu,Ms	WB, IHC-P
	GTX633691	Cytochrome C antibody [GT577]	Ms mAb	Hu,Dm	WB, IHC-P
	GTX108585	Cytochrome C antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P
	GTX106746	Diablo antibody [N1C3]	Rb pAb	Hu,Ms,Rat,Dm,Dog	WB, ICC/IF, IHC-P, IHC-Fr
	GTX114385	EndoG antibody [N1C3]	Rb pAb	Hu,Ms	WB, IHC-P
	GTX100612	FADD antibody	Rb pAb	Hu,Ms	WB, ICC/IF
	GTX116024	Fas antibody [N3C2], Internal	Rb pAb	Hu	WB, IHC-P
	GTX100644	Fas Ligand antibody [N2C1], Internal	Rb pAb	Hu	WB
	GTX113047	FLIP antibody [N1C1]	Rb pAb	Hu	WB
	GTX100277	FOXO3A antibody [C3], C-term	Rb pAb	Hu	WB, IHC-P
	GTX134747	GAS6 antibody	Rb pAb	Hu,Ms,Rat,Squirrel,Xenopus	WB, ICC/IF, IHC-P, IP
	GTX135274	Granzyme B antibody	Rb pAb	Ms	WB
	GTX112112	GRASP65 antibody [N1C1]	Rb pAb	Hu	WB
	GTX110703	HTRA2 antibody	Rb pAb	Hu	WB
	GTX132456	HTRA2 antibody	Rb pAb	Hu	WB, IHC-P
	GTX103668	ICAD antibody [N1C3]	Rb pAb	Hu	WB
	GTX113416	ICAD antibody [N2C3]	Rb pAb	Hu,Ms,Rat	WB
	GTX132328	ICAD (cleaved Asp224) antibody	Rb pAb	Hu	WB
	GTX629404	Lamin A + C antibody [GT9712]	Ms mAb	Hu	WB
	GTX101127	Lamin A + C antibody	Rb pAb	Hu	WB, ICC/IF, IP
	GTX111677	Lamin A + C antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IP
	GTX103292	Lamin B1 antibody	Rb pAb	Hu,Ms	WB, IHC-P
	GTX628803	Lamin B2 antibody [GT144]	Ms mAb	Hu,Ms,Hm	WB, IHC-P, IP
	GTX110309	Lamin B2 antibody	Rb pAb	Hu	WB, ICC/IF, IHC-P, IP
	GTX109894	Lamin B2 antibody [N3C2], Internal	Rb pAb	Hu	WB, ICC/IF, IHC-P
	GTX637019	MCL1 antibody [HL1544]	Rec Rb mAb	Hu,Ms	WB, IHC-P, IP
	GTX102026	MCL1 antibody	Rb pAb	Hu,Ms,Rat,Cat,Dog	WB, IHC-P
	GTX100531	MDM2 antibody	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P, IHC
	GTX100654	MDM2 antibody	Rb pAb	Hu	WB, ICC/IF, IHC-P, IP, ChIP assay
	GTX133996	MDM2 (phospho Ser166) antibody	Rb pAb	Hu	ICC/IF
	GTX109294	MST1 antibody	Rb pAb	Hu	WB
	GTX133948	MST1 (phospho Thr183) + MST2 (phospho Thr180) antibody	Rb pAb	Hu	WB, ICC/IF, IHC-P, IP
	GTX100714	Myosin Light Chain 2 (MLC-2v) antibody	Rb pAb	Hu	WB



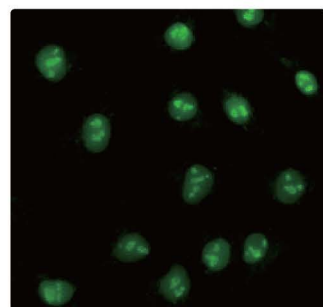
CDKN2A / p14ARF antibody (GTX129903)   



Cytochrome C antibody (GTX108585)   



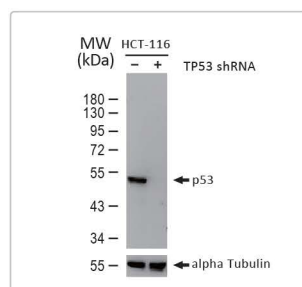
FADD antibody (GTX100612)    



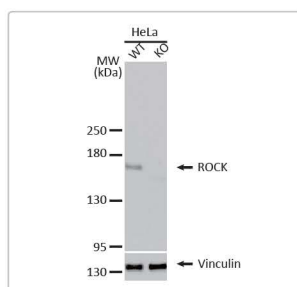
c-Myc antibody (GTX103436)    

Hot Products

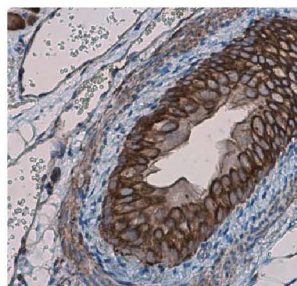
Cat. No.	Product Name	Clonality	Reactivity	Applications
GTX100888	Myosin Light Chain 2 (MLC-2v) antibody	Rb pAb	Hu,Ms,Rat	WB
GTX70214	p53 antibody [DO1]	Ms mAb	Hu,Ms	WB, ICC/IF, IHC-P, IHC-Fr, FACS, IP, ELISA
GTX102965	p53 antibody	Rb pAb	Hu,Ms,Zfsh	WB, ICC/IF, IHC-P, IP, ChIP assay
GTX118730	p53 antibody [C2C3], C-term	Rb pAb	Hu,Ms	WB, IHC-P, IP
GTX100629	p53 antibody [N1], N-term	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P, IP
GTX117515	p53 (mono-methyl Lys372) antibody	Rb pAb	Hu,Frg,Squirrel	WB, ICC/IF, IHC-P
GTX132995	p53 (phospho Ser15) antibody	Rb pAb	Hu	WB, ICC/IF
GTX133902	p53 (phospho Ser33) antibody	Rb pAb	Hu	WB
GTX133904	p53 (phospho ser392) antibody	Rb pAb	Hu	WB
GTX634168	p53 (phospho Ser46) antibody [GT1018]	Ms mAb	Hu	WB, ICC/IF, IHC-P
GTX132996	p53 (phospho Ser46) antibody	Rb pAb	Hu	WB, ICC/IF
GTX133905	p53 (phospho Ser6) antibody	Rb pAb	Hu	WB
GTX636395	p53 (R175H Mutant) antibody [HL1129]	Rec Rb mAb	Hu	WB, ICC/IF, IHC-P
GTX636804	PARP antibody [HL1364]	Rec Rb mAb	Hu,Ms	WB, ICC/IF, IHC-P
GTX628836	PARP antibody [GT6212]	Ms mAb	Hu,Ms,Rat	WB, IHC-P, IP
GTX632388	PARP antibody [GT982]	Ms mAb	Hu	WB, ICC/IF, IP
GTX100573	PARP antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IP, ChIP assay
GTX112839	PARP antibody [N1N2], N-term	Rb pAb	Hu,Rat	WB, ICC/IF, IHC-P, IP, ChIP assay
GTX112864	PARP antibody [N2C1], Internal	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IP, ChIP assay
GTX132329	PARP (cleaved Asp214) antibody	Rb pAb	Hu	WB, ICC/IF
GTX102379	Perforin antibody [N1N3]	Rb pAb	Hu	WB
GTX110746	PSR antibody	Rb pAb	Hu,Ms	WB, IHC-P
GTX109675	PUMA antibody [C2C3], C-term	Rb pAb	Hu	WB, IHC-P, IP
GTX629972	ROCK1 antibody [GT464]	Ms mAb	Hu,Ms,Rat	WB
GTX113266	ROCK1 antibody [N1N2], N-term	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IP
GTX637058	TNF alpha antibody [HL1579]	Rec Rb mAb	Hu	WB
GTX110520	TNF alpha antibody	Rb pAb	Hu,Ms,Rat,Bov	WB, ICC/IF, IHC-P, IHC-Fr
GTX130100	TNF beta antibody	Rb pAb	Hu,Rat	WB
GTX102710	TNF Receptor I antibody	Rb pAb	Hu	WB
GTX132467	TRADD antibody	Rb pAb	Hu	WB
GTX113042	TRADD antibody [N2C3]	Rb pAb	Hu	WB, IHC-P
GTX111138	TRAF2 antibody	Rb pAb	Hu	WB, ICC/IF
GTX113043	TRAIL antibody	Rb pAb	Hu	WB
GTX111202	XIAP antibody	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P



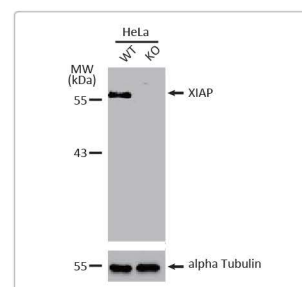
p53 antibody [DO1]
(GTX70214)



ROCK1 antibody [N1N2],
N-term (GTX113266)



TNF alpha antibody
(GTX110520)



XIAP antibody
(GTX111202)

