

Rabbit anti-Mouse Xaf1 Polyclonal Antibody | anti-Xaf1 antibody

Mouse Xaf1 Antibody (Center)

CATALOG # AAA289240	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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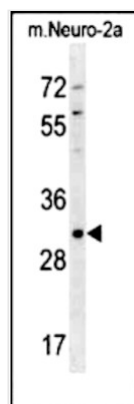
PRODUCT SYNONYMS

Xaf1; Polyclonal Antibody; Mouse Xaf1 Antibody (Center); XIAP-associated factor 1; BIRC4-binding protein; Birc4bp; Xiapaf1; anti-Xaf1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This Mouse Xaf1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 166-194 amino acids from the Central region of mouse Xaf1.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	166-194
Sequence Length	273
Applicable Applications for anti-Xaf1 antibody	ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Mouse Xaf1 Antibody (Center) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the Xaf1 antibody detected the Xaf1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Xaf1 antibody	Xaf1 seems to function as a negative regulator of members of the IAP (inhibitor of apoptosis protein) family. Inhibits anti-caspase activity of BIRC4. Induces cleavage and inactivation of BIRC4 independent of caspase activation. Mediates TNF-alpha-induced apoptosis and is involved in apoptosis in trophoblast cells. May inhibit BIRC4 indirectly by activating the mitochondrial apoptosis pathway. After translocation to mitochondria, promotes translocation of BAX to mitochondria and cytochrome c release from mitochondria. Seems to promote the redistribution of BIRC4 from the cytoplasm to the nucleus, probably independent of BIRC4 inactivation which seems to occur in the cytoplasm. The BIRC4-XAF1 complex mediates down-regulation of BIRC5/survivin; the process requires the E3 ligase activity of BIRC4. Seems to be involved in cellular sensitivity to the proapoptotic actions of TRAIL. May be a tumor suppressor by mediating apoptosis resistance of cancer cells (By similarity).
Product Categories/Family for anti-Xaf1 antibody	Cell Biology
References	Bai, Y., et al. J. Biol. Chem. 283(11):6832-6842(2008) Qiao, L., et al. Tumour Biol. 29(2):122-129(2008) Wang, X., et al. Neurobiol. Dis. 16(1):179-189(2004) Zambrowicz, B.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(24):14109-14114(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	161333845
NCBI GeneID	327959
NCBI Accession #	NP_001032802.2
NCBI GenBank Nucleotide #	NM_001037713.4
UniProt Accession #	Q5NBU8; Q3USK3; Q5NBU6; Q5NBU7; Q5NBU9; B7ZD14
Molecular Weight	31117
NCBI Official Full Name	XIAP-associated factor 1 isoform 1
NCBI Official Synonym Full Names	XIAP associated factor 1
NCBI Official Symbol	Xaf1
NCBI Official Synonym Symbols	Fbox39
NCBI Protein Information	XIAP-associated factor 1
UniProt Protein Name	XIAP-associated factor 1
UniProt Gene Name	Xaf1
UniProt Synonym Gene Names	Birc4bp; Xiapaf1
UniProt Entry Name	XAF1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/xaf1-antibody-western-blot-elisa/289240>