

Rabbit anti-Human XAF1 Polyclonal Antibody | anti-XAF1 antibody

XAF1 Antibody (C-term)

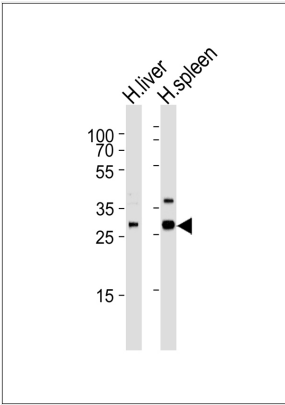
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284104	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

XAF1; Polyclonal Antibody; XAF1 Antibody (C-term); XIAP-associated factor 1; BIRC4-binding protein; BIRC4BP; XIAPAF1; anti-XAF1 antibody

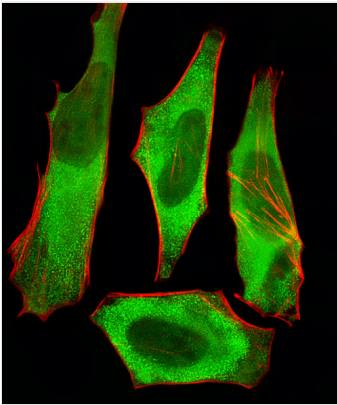
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This XAF1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 235-269 amino acids from the C-terminal region of human XAF1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	301
Applicable Applications for anti-XAF1 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)

Western blot analysis of lysates from human liver and spleen tissue lysate(from left to right), using XAF1 Antibody (C-term). AAA284104 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IF (Immunofluorescence)

Fluorescent image of HeLa cells stained with XAF1 Antibody (C-term). AAA284104 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-XAF1 antibody	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.
Product Categories/Family for anti-XAF1 antibody	Crown Antibodies; Cell Biology
References	Liston P.,et al.Nat. Cell Biol. 3:128-133(2001). Chung S.K.,et al.Gastroenterology 132:2459-2477(2007). Ota T.,et al.Nat. Genet. 36:40-45(2004). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Bechtel S.,et al.BMC Genomics 8:399-399(2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	40288191
NCBI GeneID	54739
NCBI Accession #	NP_059993.2
NCBI GenBank Nucleotide #	NM_017523.3
UniProt Accession #	Q6GPH4; Q6MZE8; Q8N557; Q99982; A2T931; A2T932; A8K2L1; A8K9Y3; D3DTM6
Molecular Weight	34626
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	BIRC4BP; XIAPAF1; HSXIAPAF1
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_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/xaf1-antibody-immunofluorescence-western-blot-elisa/284104>