

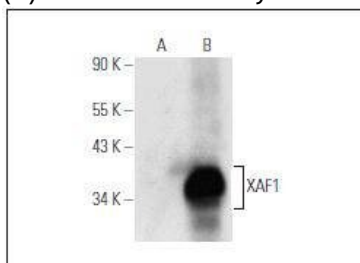
Anti-XAF1 Antibody (6H309)

Product Details

Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 35 kDa.
Clone:	6H309
Purification:	ProA affinity purified

Applications

Verified Activity: 1. Western blot analysis of XAF1 expression in non-transfected (A) and human XAF1 transfected (B) 293T whole cell lysates.



Application:	IF,IP,WB
Recommended	WB: 1:100-1000; IP: 1-2 µg per 100-500 µg of total protein(1 ml of cell lysate)

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Amino acids 1-225 mapping at the N-terminus of XAF1 of human origin
Antigen Species:	human
Uniprot ID:	Q6GPH4
Synonyms:	BIRC4BP;XIAPAF1;XIAP-associated factor 1;BIRC4-binding protein;HSXIAPAF 1;XAF 1;BIRC 4 binding protein;XAF1_HUMAN;HSXIAPAF1;BIRC4 binding protein;XIAP associated factor 1

Research Background

X-linked inhibitor of apoptosis protein (XIAP)-associated factor 1 (XAF1) is a zinc finger protein that blocks the apoptotic activity of XIAP. XIAP is a member of the family of intrinsic inhibitors of apoptosis proteins (IAPs), which suppress apoptosis through the inhibition of caspases. In the presence of XAF1, XIAP protein redistributes from the cytosol to the nucleus. XAF1 transcripts (3.9-, 4.5-, 6.0- and 7.0-kb) are present at high levels in heart and ovary. Low expression of XAF1 mRNA is an indicator for certain cancers (WM164 melanoma, WM35 melanoma, U937 promonocytic leukemia and HT1080 fibrosarcoma), suggesting that low levels of XAF1 transcript may enhance cancer cell-survival through the relative increase in XIAP apoptotic function. IFN- α and IFN- β activate the human XAF1 gene, which maps to chromosome 17p13.1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481