

XAF1 Antibody

Catalog No: #48349

Package Size: #48349-1 50ul #48349-2 100ul

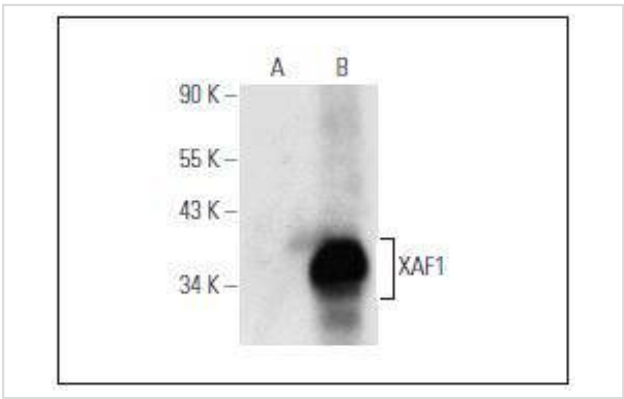
Description

Product Name	XAF1 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	2G1
Purification	ProA affinity purified
Applications	WB, IP, IF
Species Reactivity	Hu
Immunogen Description	Amino acids 1-225 mapping at the N-terminus of XAF1 of human origin.
Conjugates	Unconjugated
Other Names	BIRC 4 binding protein antibody BIRC4 binding protein antibody BIRC4-binding protein antibody BIRC4BP antibody HSXIAPAF 1 antibody HSXIAPAF1 antibody XAF 1 antibody XAF1 antibody XAF1_HUMAN antibody XIAP associated factor 1 antibody XIAP-associated factor 1 antibody XIAPAF1 antibody
Accession No.	Swiss-Prot#:Q6GPH4
Calculated MW	35 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:100-1:1,000IP: 1-2 µg per 100-500 µg of total protein(1 ml of cell lysate)

Images



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

Background

X-linked inhibitor of apoptosis protein (XIAP)-associated factor 1 (XAF1) is a zinc finger protein that blocks the anti-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 pro-monocytic leukemia and HT1080 fibrosarcoma), suggesting that low levels of XAF1 transcript may enhance cancer cell survival through the relative increase in XIAP anti-apoptotic function. IFN- α and IFN- β activate the human XAF1 gene, which maps to chromosome 17p13.1.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.