Product Datasheet

XAF1 Antibody

Catalog No: #48349

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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

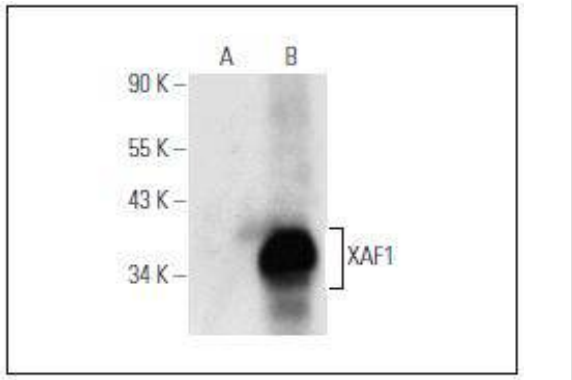
Description

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.
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
Uniprot	Q6GPH4
GeneID	54739;
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 azinc finger protein that blocks the anti-apoptotic activity of XIAP. XIAP is amember of the family of intrinsic inhibitors of apoptosis proteins (IAPs), whichsuppress apoptosis through the inhibition of caspases. In the presence

ofXAF1, 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 (WM164melanoma, WM35 melanoma, U937 pro-monocytic leukemia and HT1080fibrosarcoma), suggesting that low levels of XAF1 transcript may enhancecancer cell-survival through the relative increase in XIAP anti-apoptotic function.IFN-α and IFN-β activate the human XAF1 gene, which maps to chromosome17p13.1.

References

Note: This product is for in vitro research use only