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Datasheet for ABIN6990495
anti-XAF1 antibody (AA 230-280)

Overview

Quantity:	0.1 mg
Target:	XAF1
Binding Specificity:	AA 230-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XAF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	XAF-1 antibody was raised against a synthetic peptide corresponding to 16 amino acids near the middle of human XAF-1. The immunogen is located within amino acids 230 - 280 of XAF-1.
Isotype:	IgG
Purification:	XAF-1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	XAF1
Alternative Name:	XAF-1 (XAF1 Products)
Background:	XAF-1 Antibody: XAF-1 binds to XIAP, an inhibitor of caspases-3, -7, and -9, and triggers its relocation from the cytosol to the nucleus. Overexpression of XAF-1 results in the neutralization of XIAP's ability to inhibit cell death. XAF-1 is normally expressed in all adult and fetal tissues

Target Details

but was found to be present in very low levels in a variety of cancer cell lines. In contrast, XIAP levels have been shown to be high in a majority of cell lines. Low XAF-1 and high basal expression of XIAP may therefore play a critical role in maintaining survival of cancer cell lines. Both IFN-alpha2 and IFN-beta can induce XAF-1 mRNA in all cells examined but induction of XAF-1 protein (as observed by immunoblot analysis) was seen only in cell lines sensitive to the apoptotic effects of IFNs.

Molecular Weight: Predicted: 31, 33 kDa

Observed: 31 kDa

Gene ID: 54739

UniProt: [Q6GPH4](#)

Application Details

Application Notes: XAF-1 antibody can be used for the detection of XAF-1 by Western blot at 0.5 - 1 µg/mL. Multiple isoforms of XAF-1 exist and a doublet at ~30 kDa can be seen using anti-XAF-1 (IN). For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: XAF-1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: XAF-1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.