

Product datasheet for **TA306193**

XAF1 Rabbit Polyclonal Antibody

Product data:

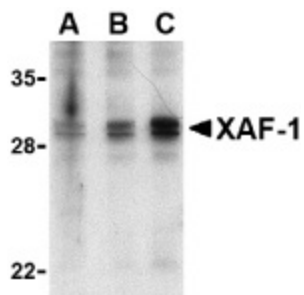
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 4 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	XAF-1 antibody was raised against a synthetic peptide corresponding to 16 amino acids near the middle of human XAF-1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	XIAP associated factor 1
Database Link:	CAA68030 Entrez Gene 54739 Human Q6GPH4
Background:	XAF-1 binds to XIAP, an inhibitor of caspases-3, -7, and -9, and triggers its relocation from the cytosol to the nucleus (1,2). Overexpression of XAF-1 results in the neutralization of XIAP's ability to inhibit cell death (1). XAF-1 is normally expressed in all adult and fetal tissues but was found to be present in very low levels in a variety of cancer cell lines (3). 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 (2,3). 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 (4).



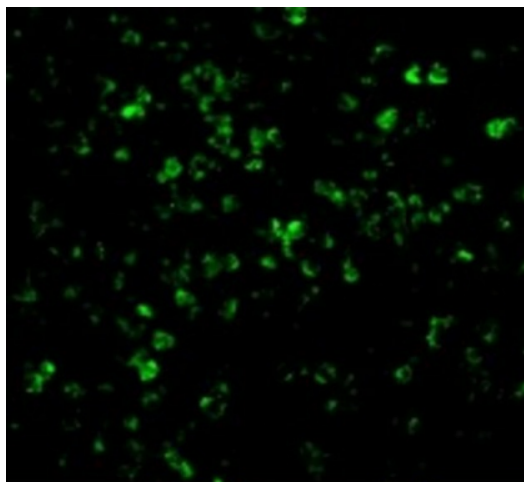
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Synonyms: BIRC4BP; HSXIAPAF1; XIAPAF1

Product images:



Western blot analysis of XAF-1 in human spleen lysate with XAF-1 antibody (IN) at 1 (lane A), 2 (lane B), and 4 (lane C) $\mu\text{g/ml}$, respectively.



Immunofluorescence of XAF-1 in Human Spleen cells with XAF-1 antibody at 20 $\mu\text{g/mL}$.