

Datasheet for ABIN501126  
**anti-XAF1 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mg
Target:	XAF1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XAF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	XAF-1 antibody was raised against a synthetic peptide corresponding to amino acids at the C-terminus of human XAF-1.
Isotype:	IgG
Specificity:	This antibody detects XAF-1.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Affinity chromatography

## Target Details

Target:	XAF1
---------	------

## Target Details

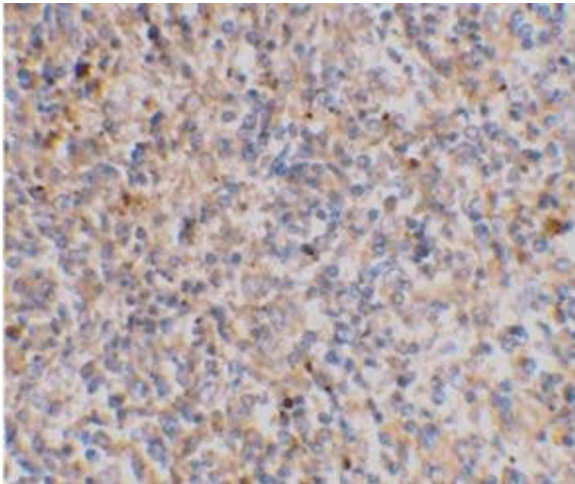
Alternative Name:	XAF1 ( <a href="#">XAF1 Products</a> )
Background:	XAF-1 binds to XIAP, an inhibitor of caspases-3, -7, and -9, and triggers its relocation from the cytosol to the nucleus (1,2). Overexpression of XAF-1 results in the neutralization of XIAP's ability to inhibit cell death (1). XAF-1 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).Synonyms: BIRC4-binding protein, BIRC4BP, XIAP-associated factor 1, XIAPAF1
Gene ID:	54739
NCBI Accession:	<a href="#">NP_059993</a>

## Application Details

Application Notes:	ELISA. Immunohistochemistry on paraffin sections. Western blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

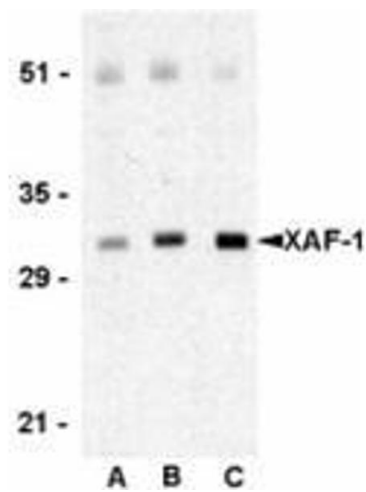
## Handling

Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemical staining of human spleen tissue using AP30988PU-N at 2 µg/ml.



**Western Blotting**

**Image 2.** Western blot analysis of XAF-1 in human spleen lysate with this product at 0.5 (lane A), 1 (lane B), and 2 (lane C) µg/ml, respectively.