

Datasheet for ABIN6242701  
**anti-XAF1 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	XAF1
Binding Specificity:	AA 235-269, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XAF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	This XAF1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 235-269 amino acids from the C-terminal region of human XAF1.
Clone:	RB49525
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	XAF1
Alternative Name:	XAF1 ( <a href="#">XAF1 Products</a> )
Background:	Seems to function as a negative regulator of members of the IAP (inhibitor of apoptosis

## Target Details

protein) family. Inhibits anti- caspase activity of BIRC4. Induces cleavage and inactivation of BIRC4 independent of caspase activation. Mediates TNF-alpha- induced apoptosis and is involved in apoptosis in trophoblast cells. May inhibit BIRC4 indirectly by activating the mitochondrial apoptosis pathway. After translocation to mitochondria, promotes translocation of BAX to mitochondria and cytochrome c release from mitochondria. Seems to promote the redistribution of BIRC4 from the cytoplasm to the nucleus, probably independent of BIRC4 inactivation which seems to occur in the cytoplasm. The BIRC4-XAF1 complex mediates down-regulation of BIRC5/survivin, the process requires the E3 ligase activity of BIRC4. Seems to be involved in cellular sensitivity to the proapoptotic actions of TRAIL. May be a tumor suppressor by mediating apoptosis resistance of cancer cells.

Molecular Weight: 34626

UniProt: [Q6GPH4](#)

## Application Details

Application Notes: IF: 1:25. WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

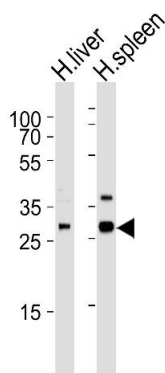
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

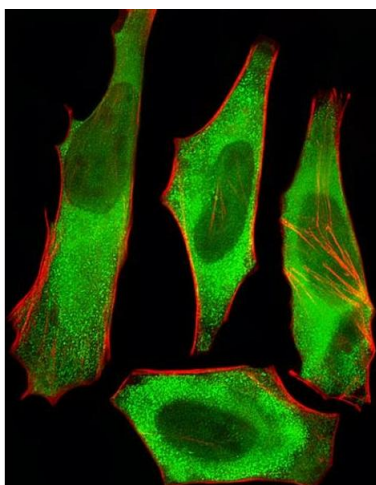
Storage: 4 °C,-20 °C

Expiry Date: 6 months



### Western Blotting

**Image 1.** Western blot analysis of lysates from human liver and spleen tissue lysate (from left to right), using XAF1 Antibody (C-term) (ABIN6242701 and ABIN6577426). (ABIN6242701 and ABIN6577426) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.



### Immunofluorescence

**Image 2.** Fluorescent image of HeLa cells stained with XAF1 Antibody (C-term) (ABIN6242701 and ABIN6577426). (ABIN6242701 and ABIN6577426) was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).