

Datasheet for ABIN1537930  
**anti-XAF1 antibody (AA 166-194)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	XAF1
Binding Specificity:	AA 166-194
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XAF1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This Mouse Xaf1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 166-194 amino acids from the Central region of mouse Xaf1.
Clone:	RB40264
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:	Xaf1 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 (By similarity).

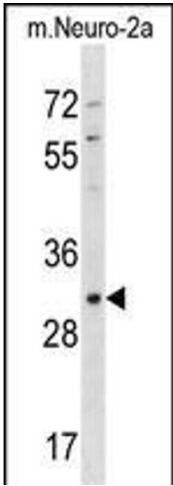
Molecular Weight:	31117
Gene ID:	327959
NCBI Accession:	<a href="#">NP_001032802</a>
UniProt:	<a href="#">Q5NBU8</a>

## Application Details

Application Notes:	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
Storage Comment:	Mouse Xaf1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

**Image 1.** Mouse Xaf1 Antibody (Center) (ABIN1537930 and ABIN2838330) western blot analysis in mouse Neuro-2a cell line lysates (35 µg/lane). This demonstrates the Xaf1 antibody detected the Xaf1 protein (arrow).