

Datasheet for ABIN6990881  
**anti-AIFM3 antibody (AA 210-260)**



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## Overview

Quantity:	0.1 mg
Target:	AIFM3
Binding Specificity:	AA 210-260
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIFM3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	AIFM3 antibody was raised against a 16 amino acid synthetic peptide from near the center of human AIFM3. The immunogen is located within amino acids 210 - 260 of AIFM3.
Isotype:	IgG
Purification:	AIFM3 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	AIFM3
Alternative Name:	AIFM3 ( <a href="#">AIFM3 Products</a> )
Background:	AIFM3 Antibody: Apoptosis, also known as programmed cell death, plays major roles in development and normal tissue turnover in addition to tumor formation. Recently a protein similar to the apoptosis-inducing factor (AIF) was cloned and designated AIFL (also known as

## Target Details

AIFM3). AIFM3 is expressed ubiquitously and is predominantly localized to the inner membranes of mitochondria. Unlike AIF, AIFM3 does not translocate to the nucleus upon induction of apoptosis. However, overexpression of AIFM3, like AIF, induced cytochrome c release from the mitochondria, cleavage of caspase 3, and ultimately apoptosis, indicating AIFM3 induces apoptosis through caspase activation. Multiple isoforms of AIFM3 are known to exist.

Gene ID: 150209

UniProt: [Q96NN9](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#), [Cell RedoxHomeostasis](#)

## Application Details

Application Notes: AIFM3 antibody can be used for the detection of AIFM3 by Western blot at 1 - 2 µg/mL.

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: AIFM3 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: AIFM3 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.