

Datasheet for ABIN650623  
**anti-AIFM2 antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	400 µL
Target:	AIFM2
Binding Specificity:	AA 319-348, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIFM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This AIFM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 319-348 amino acids from the C-terminal region of human AIFM2.
Clone:	RB18257
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	AIFM2
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## Target Details

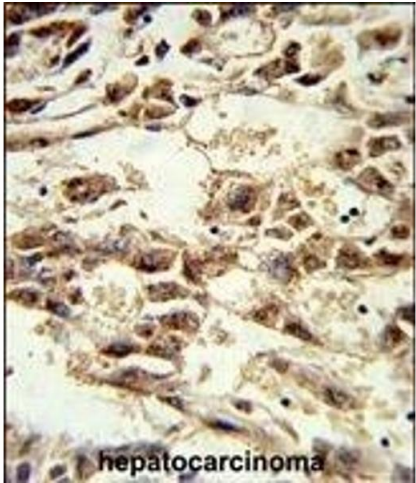
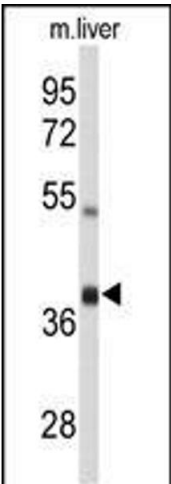
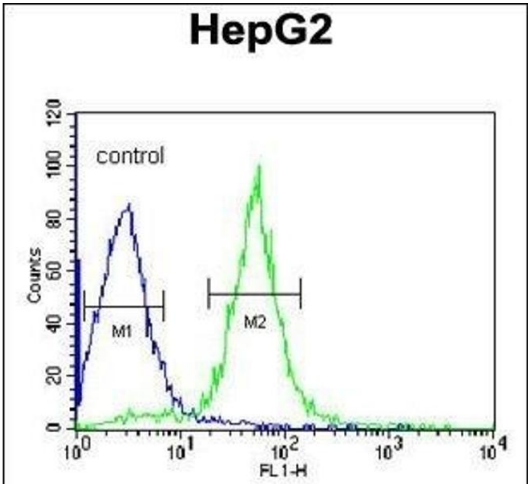
Alternative Name:	AIFM2 ( <a href="#">AIFM2 Products</a> )
Background:	AIFM2 is significant homology to NADH oxidoreductases and the apoptosis-inducing factor PDCD8/AIF. The protein has been shown to induce apoptosis. This protein is found to be induced by tumor suppressor protein p53 in colon cancer cells.
Molecular Weight:	40527
Gene ID:	84883
NCBI Accession:	<a href="#">NP_001185625</a> , <a href="#">NP_116186</a>
UniProt:	<a href="#">Q9BRQ8</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** AIFM2 Antibody (C-term) (ABIN650623 and ABIN2846510) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of AIFM2 Antibody (C-term) (ABIN650623 and ABIN2846510) in mouse liver tissue lysates (35 µg/lane). AIFM2 (arrow) was detected using the purified Pab.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with AIFM2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.