Datasheet for ABIN950311

anti-AIFM2 antibody (C-Term)

3 Images

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Overview

Quantity:	0.4 mL
Target:	AIFM2
Binding Specificity:	AA 326-356, 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)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 326~356 amino acids from the C-terminal region of human AIFM2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to AIF2.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	AIFM2

Target Details

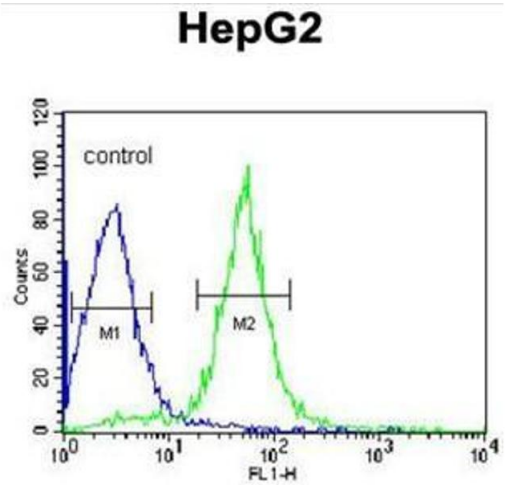
Abstract:	AIFM2 Products
Background:	AIFM2 is significant homology to NADH oxidoreductases and the apoptosis-inducing factor PDCD8/AIF. The protein has been shown to induce apoptosis. This protein is found to be induced by tumor suppressor protein p53 in colon caner cells.Synonyms: AMID, Apoptosis-inducing factor 2, Apoptosis-inducing factor homologous mitochondrion-associated inducer of death, Apoptosis-inducing factor-like mitochondrion-associated inducer of death, PRG3, p53-responsive gene 3 protein
Gene ID:	84883
NCBI Accession:	NP_001185625

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

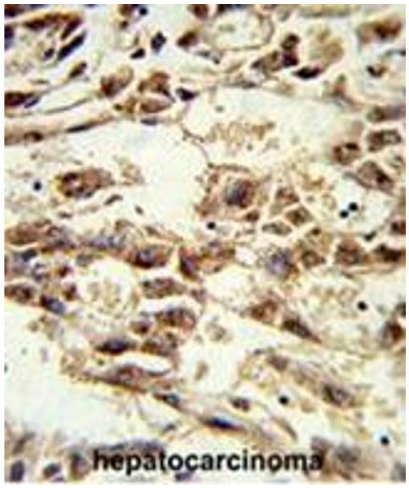
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
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 the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. AIFM2 Antibody (C-term) 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.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. 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.

Western Blotting

Image 3. Western blot analysis of AIFM2 Antibody (C-term) in mouse liver tissue lysates (35 µg/lane). AIFM2 (arrow) was detected using the purified Pab.