

Datasheet for ABIN2792236
anti-AIFM2 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	AIFM2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIFM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human AIFM2
Sequence:	GALTFLLSMG RNDGVGQISG FYVGRLMVRL TKSRDLFVST SWKTMRQSPP
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 93%, Human: 100%, Mouse: 80%, Rabbit: 93%, Rat: 80%
Characteristics:	This is a rabbit polyclonal antibody against AIFM2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	AIFM2
Alternative Name:	AIFM2 (AIFM2 Products)

Target Details

Background:	<p>AIFM2 has significant homology to NADH oxidoreductases and the apoptosis-inducing factor PDCD8/AIF. Overexpression of this gene has been shown to induce apoptosis. The expression of this gene is found to be induced by tumor suppressor protein p53 in colon cancer cells. The protein encoded by this gene has significant homology to NADH oxidoreductases and the apoptosis-inducing factor PDCD8/AIF. Overexpression of this gene has been shown to induce apoptosis. The expression of this gene is found to be induced by tumor suppressor protein p53 in colon cancer cells.</p> <p>Alias Symbols: AMID, PRG3, RP11-367H5.2</p> <p>Protein Interaction Partner: TP53, UBC, MYC,</p> <p>Protein Size: 373</p>
Molecular Weight:	40 kDa
Gene ID:	84883
NCBI Accession:	NM_032797 , NP_116186
UniProt:	Q9BRQ8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 373 AA
Restrictions:	For Research Use only

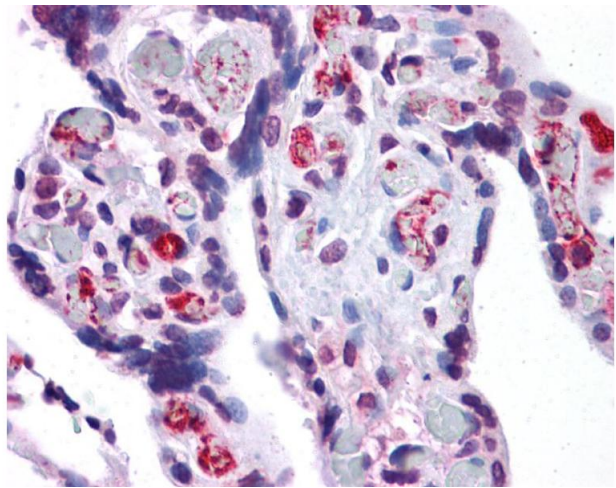
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C

Handling

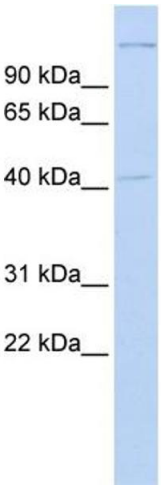
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1.



Western Blotting

Image 2. WB Suggested Anti-AIFM2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:2500 Positive Control: Human brain