

Datasheet for ABIN7144476
anti-AIFM2 antibody (AA 110-373)

3 Images

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Overview

Quantity:	100 µL
Target:	AIFM2
Binding Specificity:	AA 110-373
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIFM2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Apoptosis-inducing factor 2 protein (110-373AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	AIFM2
Alternative Name:	AIFM2 (AIFM2 Products)
Background:	Background: Oxidoreductase, which may play a role in mediating a p53/TP53-dependent apoptosis response. Probable oxidoreductase that acts as a caspase-independent

Target Details

mitochondrial effector of apoptotic cell death. Binds to DNA in a sequence-independent manner. May contribute to genotoxin-induced growth arrest.

Aliases: 5430437E11Rik antibody, aifm2 antibody, AIFM2_HUMAN antibody, AMID antibody, Apoptosis inducing factor (AIF) homologous mitochondrion associated inducer of death antibody, Apoptosis inducing factor (AIF) like mitochondrion associated inducer of death antibody, Apoptosis inducing factor mitochondrion associated 2 antibody, Apoptosis-inducing factor 2 antibody, Apoptosis-inducing factor homologous mitochondrion-associated inducer of death antibody, Apoptosis-inducing factor-like mitochondrion-associated inducer of death antibody, Cys51Stop antibody, HGNC11998 antibody, p53 responsive gene 3 antibody, p53 tumor suppressor antibody, p53-responsive gene 3 protein antibody, PRG3 antibody, TRP53 antibody, Tumor protein p53 antibody

UniProt: [Q9BRQ8](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

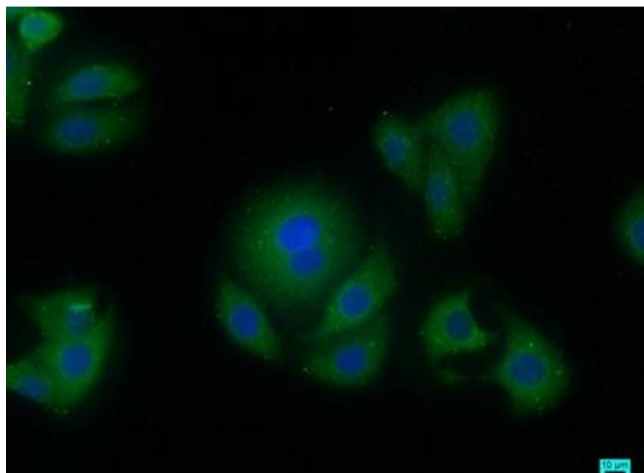
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

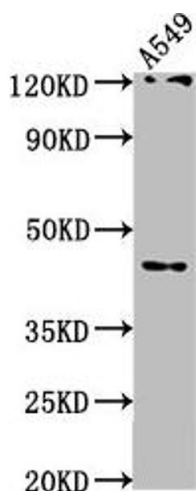
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



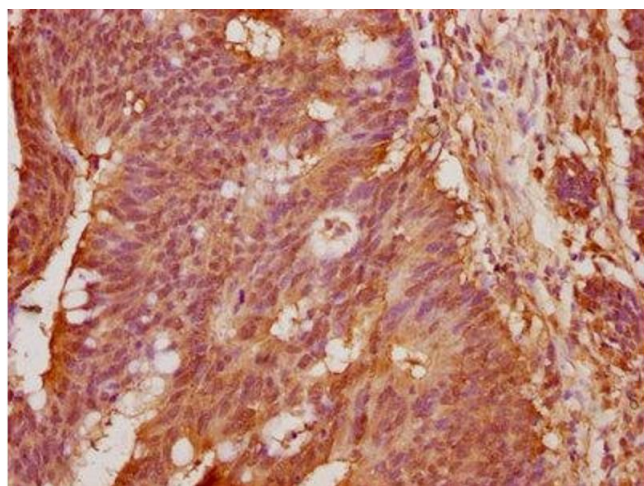
Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7144476 at 1:50, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate All lanes: AIFM2 antibody at 1:1000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 41, 37 kDa Observed band size: 41 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7144476 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.