Rabbit anti-Human AIFM2 Polyclonal Antibody | anti-AIFM2 antibody

AIFM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243490	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

AIFM2; Polyclonal Antibody; AIFM2 Antibody; Apoptosis-inducing factor 2 (EC 1.-.-.-) (Apoptosis-inducing factor homologous mitochondrion-associated inducer of death) (Apoptosis-inducing factor-like mitochondrion-associated inducer of death) (p53-responsive gene 3 protein); AMID PRG3; anti-AIFM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-AIFM2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Apoptosis-inducing factor 2 protein (110-373AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IF (Immunofluorescence)
Immunofluorescence staining of HepG2 cells with AAA243490 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 degree C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

WB (Western Blot)
Western BlotPositive WB detected in: A549 whole cell lysateAll lanes: AIFM2 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 41, 37 kDaObserved band size: 41 kDa

IHC (Immunohistochemistry)
IHC image of AAA243490 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM 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 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AIFM2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	311082415
NCBI GeneID	84883
NCBI Accession #	NP_001185625.1
NCBI GenBank Nucleotide #	NM_001198696.1
UniProt Accession #	Q9BRQ8; Q63Z39; B3KXI0
Molecular Weight	40,527 Da
NCBI Official Full Name	apoptosis-inducing factor 2
NCBI Official Synonym Full Names	apoptosis-inducing factor, mitochondrion-associated, 2
NCBI Official Symbol	AIFM2
NCBI Official Synonym Symbols	AMID; PRG3; RP11-367H5.2
NCBI Protein Information	apoptosis-inducing factor 2; p53-responsive gene 3 protein; apoptosis-inducing factor (AIF)-like mitochondrion-associated inducer of death; apoptosis-inducing factor (AIF)-homologous mitochondrion-associated inducer of death
UniProt Protein Name	Apoptosis-inducing factor 2
UniProt Gene Name	**AIFM2**
UniProt Synonym Gene Names	AMID; PRG3
UniProt Entry Name	AIFM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/aifm2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/243490