Rabbit AIFM3 Polyclonal Antibody | anti-AIFM3 antibody

AIFM3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40038	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

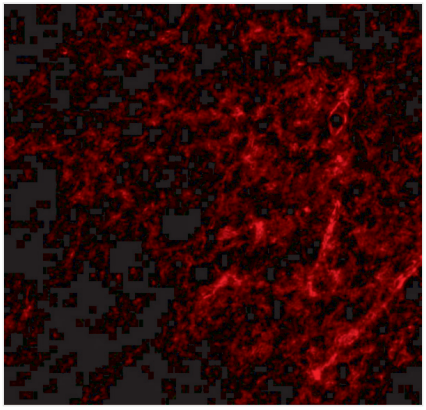
PRODUCT SYNONYMS

AIFM3; Polyclonal Antibody; AIFM3 Antibody; AIFL; Apoptosis-inducing factor 3; Apoptosis-inducing factor-like protein; apoptosis-inducing factor; mitochondrion-associated; 3; anti-AIFM3 antibody

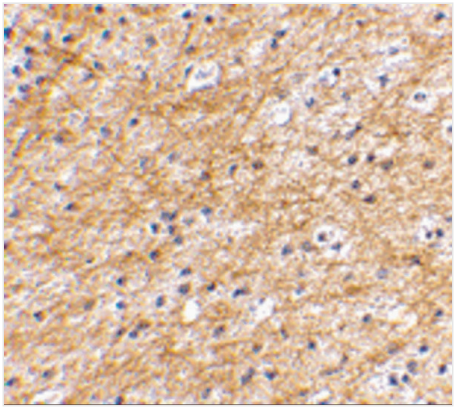
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	AIFM3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	605
Applicable Applications for anti-AIFM3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	AIFM3 antibody was raised against a 16 amino acid synthetic peptide from near the amino terminus of human AIFM3.
Buffer	AIFM3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	AIFM3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

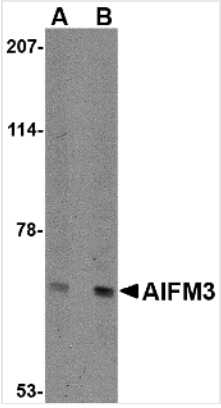
IMAGES



IF (Immunofluorescence)
Immunofluorescence of AIFM3 in human brain tissue with AIFM3 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemical staining of human brain tissue using AIFM3 antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of NIPSNAP in human brain tissue lysate with NIPSNAP antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-AIFM3 antibody	AIFM3 Antibody: Apoptosis, also known as programmed cell death, plays major roles in development and normal tissue turnover in addition to tumor formation. Recently a protein similar to the apoptosis-inducing factor (AIF) was cloned and designated AIFL (also known as AIFM3). AIFM3 is expressed ubiquitously and is predominantly localized to the inner membranes of mitochondria. Unlike AIF, AIFM3 does not translocate to the nucleus upon induction of apoptosis. However, overexpression of AIFM3, like AIF, induced cytochrome c release from the mitochondria, cleavage of caspase 3, and ultimately apoptosis, indicating AIFM3 induces apoptosis through caspase activation. Multiple isoforms of AIFM3 are known to exist.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74732608
NCBI GeneID	150209
UniProt Accession #	Q96NN9; Q6ZT44; Q8N1V3; Q8N5E0; B7WP37; D3DX37; D3DX38
Molecular Weight	65,966 Da
NCBI Official Full Name	Apoptosis-inducing factor 3
NCBI Official Synonym Full Names	apoptosis-inducing factor, mitochondrion-associated, 3
NCBI Official Symbol	AIFM3
NCBI Official Synonym Symbols	AIFL

NCBI Protein Information	apoptosis-inducing factor 3; apoptosis-inducing factor like
UniProt Protein Name	Apoptosis-inducing factor 3
UniProt Gene Name	**AIFM3**
UniProt Synonym Gene Names	AIFL
UniProt Entry Name	AIFM3_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://www.aaabiotech.com/polyclonal/aifm3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40038