

Rabbit AIFM1 Polyclonal Antibody | anti-AIFM1 antibody

AIFM1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201658	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

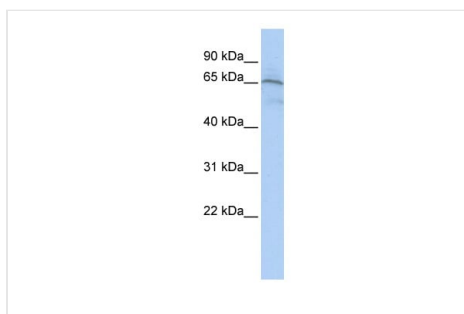
PRODUCT SYNONYMS

AIFM1; Polyclonal Antibody; AIFM1 antibody - middle region; anti-AIFM1 antibody

PRODUCT SPECIFICATIONS

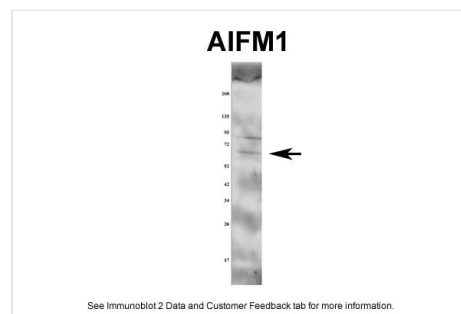
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VI FYLRDKVVVG IVLWNIFNRM PIARKIIKDG EQHEDLNEVA KLFNIHED
Sequence Length	613
Applicable Applications for anti-AIFM1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human AIFM1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



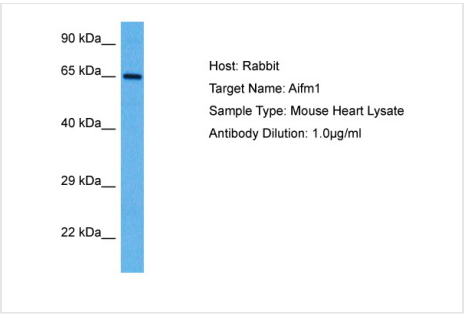
WB (Western Blot)

WB Suggested Anti-AIFM1 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: Jurkat cell lysate
 AIFM1 is supported by BioGPS gene expression data to be expressed in Jurkat



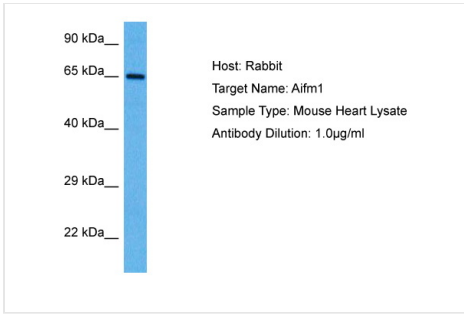
WB (Western Blot)

WB Suggested Anti-AIFM1 Antibody Titration: 1 ug/ml
 Positive Control: Rat tissue



WB (Western Blot)

Host: RabbitTarget Name: AIFM1Sample Tissue: Mouse HeartAntibody Dilution: 1ug/ml



WB (Western Blot)

Host: MouseTarget Name: AIFM1Sample Tissue: Mouse HeartAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-AIFM1 antibody	This is a rabbit polyclonal antibody against AIFM1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: AIFM1 is a flavoprotein essential for nuclear disassembly in apoptotic cells that is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it effects chromosome condensation and fragmentation. In addition, this protein induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Several alternative transcripts encoding different isoforms have been identified for this gene.This gene encodes a flavoprotein essential for nuclear disassembly in apoptotic cells that is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it effects chromosome condensation and fragmentation. In addition, this gene product induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Three alternative transcripts encoding different isoforms have been identified for this gene.
Product Categories/Family for anti-AIFM1 antibody	Polyclonal ; Chromatin & Nuclear Signaling ; Apoptosis ; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757732
NCBI GeneID	9131
NCBI Accession #	NP_004199
NCBI GenBank Nucleotide #	NM_004208
UniProt Accession #	O95831
Molecular Weight	67kDa
NCBI Official Full Name	apoptosis-inducing factor 1, mitochondrial isoform AIF
NCBI Official Synonym Full Names	apoptosis inducing factor mitochondria associated 1
NCBI Official Symbol	AIFM1
NCBI Official Synonym Symbols	AIF; CMT2D; CMTX4; COWCK; DFNX5; NADMR; NAMSD; PDCD8; COXPD6
NCBI Protein Information	apoptosis-inducing factor 1, mitochondrial
UniProt Protein Name	Apoptosis-inducing factor 1, mitochondrial
UniProt Gene Name	AIFM1
UniProt Synonym Gene Names	AIF; PDCD8
UniProt Entry Name	AIFM1_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/aifm1-antibody-western-blot-elisa/201658>