

Rabbit PDCD8 Polyclonal Antibody | anti-AIFM1 antibody

PDCD8 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198583	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish	Immunohistochemistry, Western Blot

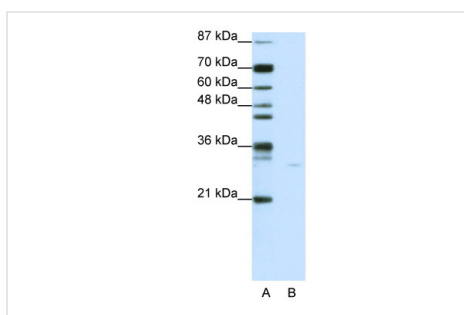
PRODUCT SYNONYMS

PDCD8; Polyclonal Antibody; PDCD8 antibody - C-terminal region; anti-AIFM1 antibody

PRODUCT SPECIFICATIONS

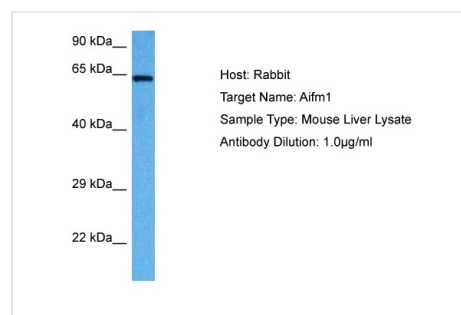
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VD SSLPTVG VFA KATAQDNPKS ATEQSGTGIR SESETESEAS EITIPPST
Sequence Length	326
Applicable Applications for anti-AIFM1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PDCD8
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



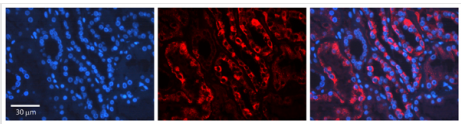
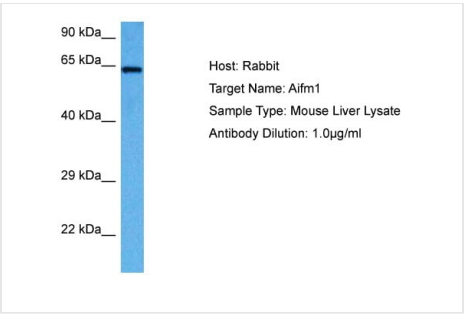
WB (Western Blot)

WB Suggested Anti-PDCD8 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:62500
 Positive Control: Jurkat cell lysate
 AIFM1 is supported by BioGPS gene expression data to be expressed in Jurkat



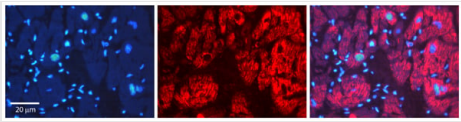
WB (Western Blot)

Host: Rabbit
 Target Name: Aifm1
 Sample Type: Mouse Liver Lysate
 Antibody Dilution: 1.0 ug/ml



IHC (Immunohistochemistry)
Rabbit Anti-AIFM1 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Kidney
TissueObserved Staining: CytoplasmPrimary Antibody Concentration: 1:100Other Working
Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody
Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

WB (Western Blot)
Host: MouseTarget Name: AIFM1Sample Tissue: Mouse LiverAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Rabbit Anti-AIFM1 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human heart
TissueObserved Staining: Cytoplasmic, nucleusPrimary Antibody Concentration: 1:100Other
Working Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary
Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-AIFM1 antibody	This is a rabbit polyclonal antibody against PDCD8. It was validated on Western Blot using a cell lysate as a positive control. Target Description: AIFM1 (PDCD8) 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, AIFM1 induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9.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 #	22202631
NCBI GeneID	9131
NCBI Accession #	NP_665812
NCBI GenBank Nucleotide #	NM_145813
UniProt Accession #	O95831
Molecular Weight	36kDa
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://stage.aaabiotech.com/polyclonal/pdcd8-antibody-immunohistochemistry-western-blot-elisa/198583>