

Rabbit PDCD8 Polyclonal Antibody | anti-AIFM1 antibody

PDCD8 antibody - N-terminal region

CATALOG # AAA201652	HOST Rabbit	REACTIVITY Cow, Dog, Human, Sheep	APPLICATIONS Western Blot, Immunohistochemistry
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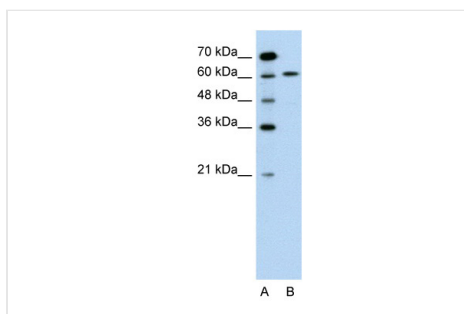
PRODUCT SYNONYMS

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

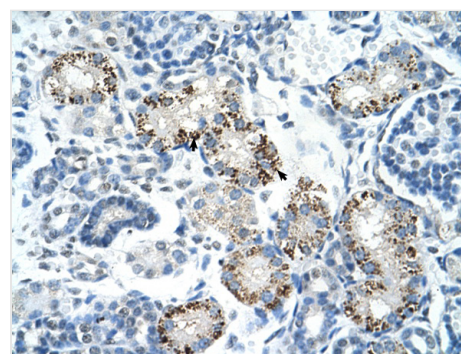
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Sheep
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: GA YAYKTMKEDE KRYNERISGL GLTPEQKQKK AALSASEGEE VPQDKAPS
Sequence Length	609
Applicable Applications for anti-AIFM1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 85%; Human: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N 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
Positive Control: Jurkat cell lysate
AIFM1 is supported by BioGPS gene expression data to be expressed in Jurkat


IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-AIFM1 antibody	This is a rabbit polyclonal antibody against PDCD8. It was validated on Western Blot and immunohistochemistry 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. 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 ; Membrane Protein ; Chromatin & Nuclear Signaling ; Apoptosis ; Membrane & Traffic ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	22202629
NCBI GeneID	9131
NCBI Accession #	NP_665811
NCBI GenBank Nucleotide #	NM_145812
UniProt Accession #	O95831
Molecular Weight	66kDa
NCBI Official Full Name	apoptosis-inducing factor 1, mitochondrial isoform AIF-exB
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/pdc8-antibody-western-blot-immunohistochemistry-elisa/201652>