

Rabbit AIMP1 Polyclonal Antibody | anti-AIMP1 antibody

AIMP1 Antibody

CATALOG # AAA225259	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

AIMP1; Polyclonal Antibody; AIMP1 Antibody; Affinity Purified Rabbit Polyclonal AIMP1 Antibody; Polyclonal AIMP1 antibody; Anti-AIMP1 antibody; p43 antibody; endothelial-monocyte activating polypeptide II antibody; AIMP-1; EMAP2 antibody; AIMP 1 antibody; EMAPII antibody; SCYE1 antibody; small inducible cytokine subfamily E member 1 (endothelial monocyte-activating) antibody; AIMP 1; AIMP-1 antibody; AIMP1 antibody; aminoacyl tRNA synthase complex-interacting multifunctional protein 1 antibody; anti-AIMP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.54 mg/ml (varies by lot)
Sequence Length	312
Applicable Applications for anti-AIMP1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	AIMP1 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 1 and 263 of AIMP1
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:H1299; B:Hep G2) using a 12% SDS PAGE gel and AIMP1 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using AIMP1 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-AIMP1 antibody	The protein encoded by this gene is a cytokine that is specifically induced by apoptosis, and it is involved in the control of angiogenesis, inflammation, and wound healing. The release of this cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. The precursor protein is identical to the p43 subunit, which is associated with the multi-tRNA synthetase complex, and it modulates aminoacylation activity of tRNA synthetase in normal cells. This protein is also involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells.
Product Categories/Family for anti-AIMP1 antibody	Cell Cycle & Cell Death

NCBI AND UNIPROT INFORMATION

NCBI GI #	1587660423
NCBI GenBank Nucleotide #	NP_001135888.2
Molecular Weight	34 kDa
NCBI Official Full Name	aminoacyl tRNA synthase complex-interacting multifunctional protein 1 isoform b

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/aimp1-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/225259>