

Rabbit AIMP1/EMAP II Polyclonal Antibody | anti-AIMP1/EMAP II antibody

Anti-AIMP1/EMAP II Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21277	Rabbit	Human Predicted: Mouse, Rat	Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

AIMP1/EMAP II; Polyclonal Antibody; Anti-AIMP1/EMAP II Antibody; Goat Polyclonal to Human AIMP1/EMAP II; AIMP1; EMAP II; EMAPII; EMAP-2; HLD3; p43; EMAP2; SCYE1; anti-AIMP1/EMAP II antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Human AIMP1/EMAP II/p43
Purity/Purification	Affinity Purified
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Sequence Length	312
Applicable Applications for anti-AIMP1/EMAP II antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 1:50-1:200 IHC: 1:50-1:200 IHC-P: 1:100 WB: 1:500-1:2000
Immunogen	Recombinant protein of human AIMP1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AIMP1 antibody.

**IF (Immunofluorescence)**

Immunofluorescence analysis of U2OS cell using AIMP1 antibody. Blue: DAPI for nuclear staining.

**IF (Immunofluorescence)**

Immunofluorescence analysis of HeLa cells.

**IF (Immunofluorescence)**

Immunofluorescence analysis of U2OS cells.

**IHC (Immunohistochemistry)**

Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-AIMP1/EMAP II antibody

Non-catalytic component of the multisynthase complex. Stimulates the catalytic activity of cytoplasmic arginyl-tRNA synthase. Binds tRNA. Possesses inflammatory cytokine activity. Negatively regulates TGF-beta signaling through stabilization of SMURF2 by binding to SMURF2 and inhibiting its SMAD7-mediated degradation. Involved in glucose homeostasis through induction of glucagon secretion at low glucose levels. Promotes dermal fibroblast proliferation and wound repair.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45006986
NCBI GeneID	9255
NCBI Accession #	NP_004748.2
NCBI GenBank Nucleotide #	NM_004757.3
UniProt Accession #	Q12904 ; Q6FG28 ; Q96CQ9 ; B3KTR2 ; B4E1S7
Molecular Weight	37,039 Da
NCBI Official Full Name	aminoacyl tRNA synthase complex-interacting multifunctional protein 1 isoform a
NCBI Official Synonym Full Names	aminoacyl tRNA synthetase complex interacting multifunctional protein 1
NCBI Official Symbol	AIMP1
NCBI Official Synonym Symbols	p43; HLD3; EMAP2; SCYE1; EMAPII
NCBI Protein Information	aminoacyl tRNA synthase complex-interacting multifunctional protein 1
UniProt Protein Name	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1
UniProt Gene Name	AIMP1
UniProt Synonym Gene Names	EMAP2; SCYE1; EMAP-2; EMAP-II

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-emap-ii-antibody-immunofluorescence-immunohistochemistry-immunohistochemistry-western-blot-elisa/21277>