Rabbit anti-Human, Mouse AIMP1 Polyclonal Antibody | anti-AIMP1 antibody

AIMP1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175636	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry**

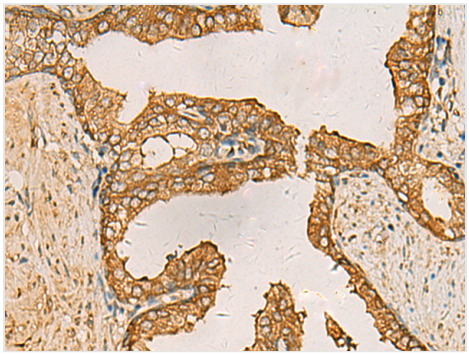
PRODUCT SYNONYMS

AIMP1; Polyclonal Antibody; AIMP1 Polyclonal Antibody; AIMP 1; Aimp1; AIMP1/p43; Aminoacyl tRNA synthetase complex-interacting multifunctional protein 1; ARS interacting multifunctional protein 1; EMAP 2; EMAP-2; EMAP-II; EMAP2; EMAPII; Endothelial monocyte activating polypeptide 2; Endothelial monocyte activating polypeptide; Endothelial monocyte-activating polypeptide 2; Endothelial monocyte-activating polypeptide II; HLD3; Multisynthase complex auxiliary component p43; Multisynthetase complex auxiliary component p43; OTTHUMP00000219673; P43; Scye 1; Scye1; Formerly; Small inducible cytokine subfamily E member 1; Small inducible cytokine subfamily E; Member 1 (endothelial monocyte-activating); Member 1; anti-AIMP1 antibody

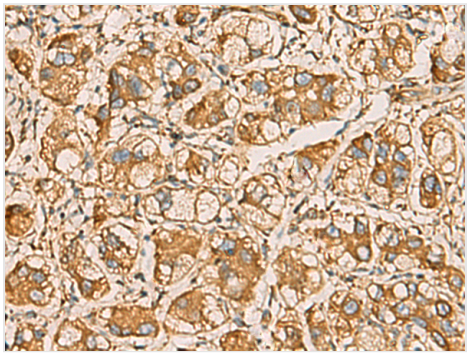
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	1.56mg/mL (varies by lot)
Sequence Length	312
Applicable Applications for anti-AIMP1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human AIMP1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human prost ate cancer tissue using AIMP1 Polyclonal Antibody at dilution of 1:55(×200



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using AIMP1 Polyclonal Antibody at dilution of 1:55(×200

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. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene has been identified on chromosome 20.
Product Categories/Family for anti-AIMP1 antibody	Cancer; Cell Biology; Cardiovascular; Epigenetics and Nuclear Signaling; Immunology; Tags and Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	215490009
NCBI GeneID	9255
NCBI Accession #	NP_001135887.1; BC014051
NCBI GenBank Nucleotide #	NP_001135887.1
UniProt Accession #	Q12904
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
UniProt Entry Name	AIMP1_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/aimp1-antibody-immunohistochemistry-elisa/175636