Rabbit AIMP2/p38 Polyclonal Antibody | anti-AIMP2 antibody

Anti-AIMP2/p38 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45044	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

AIMP2/p38; Polyclonal Antibody; Anti-AIMP2/p38 antibody; Aminoacyl tRNA synthase complex-interacting multifunctional protein 2; aminoacyl tRNA synthetase complex-interacting multifunctional protein 2; Aimp2 antibody; AIMP2_HUMAN antibody; Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 antibody; Aminoacyl tRNA synthetase complex interacting multifunctional protein 2 antibody; ARS interacting multi functional protein 2 antibody; JTV 1 antibody; JTV 1 protein antibody; JTV1 antibody; Multisynthase complex auxiliary component p38 antibody; Multisynthetase complex auxiliary component p38 antibody; P38 antibody; PRO0992 antibody; Protein JTV 1 antibody; Protein JTV-1 antibody; tRNA SYNTHETASE COFACTOR p38 antibody; anti-AIMP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	320
Applicable Applications for anti-AIMP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human AIMP2/p38 (298-320aa NVQRWMRSCENLAPFNTALKLLK), different from the related rat and mouse sequences by three amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

IHC (Immunohiostchemistry)
Anti-AIMP2/p38 antibody, AAA45044, IHC(P)IHC(P): Human Rectal Cancer Tissue

WB (Western Blot)
Anti-AIMP2/p38 antibody, AAA45044, Western blottingLane 1: Rat Liver Tissue LysateLane 2: Rat Lung Tissue LysateLane 3: Rat Kidney Tissue LysateLane 4: Rat Brain Tissue LysateLane 5: MarkerLane 6: JURKAT Cell LysateLane 7: CEM Cell LysateLane 8: HUT Cell LysateLane 9: U93T Cell LysateLane 10: U93T Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-AIMP2 antibody	**Description:** Rabbit IgG polyclonal antibody for Aminoacyl tRNA synthase complex-interacting multifunctional protein 2(AIMP2) detection. Tested with WB, IHC-P in Human, Mouse, Rat. **Background:** AIMP2, Aminoacyl tRNA synthetase complex-interacting multifunctional protein 2, also known as AIMP2, is an enzyme that in humans is encoded by the AIMP2 gene. AIMP2 encodes a predicted 312-amino acid protein. The AIMP2 gene is located on chromosome 7p22 flanked by two genes, HRI and PMS2. AIMP2 and HRI overlap slightly and are arranged in a tail-to-tail fashion. AIMP2 and PMS2 are separated by approximately 200 base pairs and are arranged head-to-head. AIMP2 is transcribed in the opposite direction compared to HRI and PMS2. AIMP2 is a scaffold required for the assembly and stability of the multi-tRNA synthetase complex. AIMP2 can work as a mediator of TGF-beta signaling and its functional importance in the control of MYC during lung differentiation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12644405
NCBI GeneID	7965
UniProt Accession #	Q13155; Q75MR1; Q96CZ5; Q9P1L2
Molecular Weight	35,349 Da
NCBI Official Full Name	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2
NCBI Official Synonym Full Names	aminoacyl tRNA synthetase complex-interacting multifunctional protein 2
NCBI Official Symbol	AIMP2
NCBI Official Synonym Symbols	P38; JTV1; JTV-1; PRO0992
NCBI Protein Information	aminoacyl tRNA synthase complex-interacting multifunctional protein 2; protein JTV-1; ARS-interacting multi-functional protein 2; multisynthase complex auxiliary component p38; multisynthetase complex auxiliary component p38
UniProt Protein Name	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2
UniProt Gene Name	**AIMP2**
UniProt Synonym Gene Names	JTV1
UniProt Entry Name	AIMP2_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/aimp2-p38-antibody-immunohistochemistry-western-blot-elisa/45044