

Rabbit AMPD1 Polyclonal Antibody | anti-AMPD1 antibody

AMPD1 Polyclonal Antibody

CATALOG # AAA168427	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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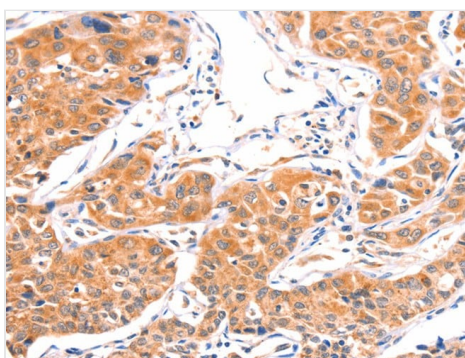
PRODUCT SYNONYMS

AMPD1; Polyclonal Antibody; AMPD1 Polyclonal Antibody; MAD; MADA; anti-AMPD1 antibody

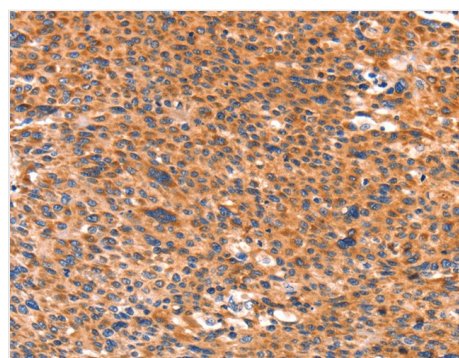
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	3.2mg/mL (varies by lot)
Sequence Length	776
Applicable Applications for anti-AMPD1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human AMPD1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

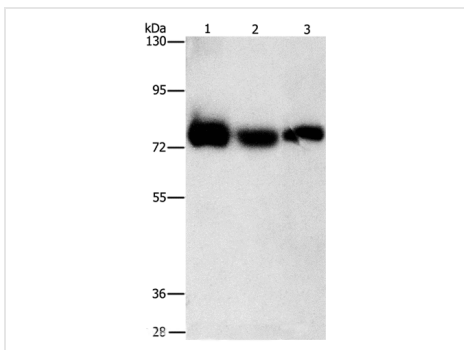
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using AMPD1 Polyclonal Antibody at dilution of 1:80


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using AMPD1 Polyclonal Antibody at dilution of 1:80



WB (Western Blot)

Western Blot analysis of Human fetal muscle tissue, K562 and hela cell using AMPD1
 Polyclonal Antibody at dilution of 1:1600

ADDITIONAL INFORMATION

Related Product Information for anti-AMPD1 antibody

Adenosine monophosphate deaminase 1 catalyzes the deamination of AMP to IMP in skeletal muscle and plays an important role in the purine nucleotide cycle. Two other genes have been identified, AMPD2 and AMPD3, for the liver- and erythrocyte-specific isoforms, respectively. Deficiency of the muscle-specific enzyme is apparently a common cause of exercise-induced myopathy and probably the most common cause of metabolic myopathy in the human. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	289547498
NCBI GeneID	270
NCBI Accession #	NP_001166097.1
NCBI GenBank Nucleotide #	NM_001172626.1
Molecular Weight	89,763 Da
NCBI Official Full Name	AMP deaminase 1 isoform 2
NCBI Official Synonym Full Names	adenosine monophosphate deaminase 1
NCBI Official Symbol	AMPD1
NCBI Official Synonym Symbols	MAD; MADA; MMDD
NCBI Protein Information	AMP deaminase 1; AMPD; adenosine monophosphate deaminase 1 (isoform M); adenosine monophosphate deaminase-1 (muscle); myoadenylate deaminase; skeletal muscle AMPD
UniProt Protein Name	AMP deaminase 1
UniProt Gene Name	AMPD1
UniProt Entry Name	AMPD1_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/ampd1-antibody-immunohistochemistry-western-blot-elisa/168427>