

Rabbit anti-Human, mouse AMPD3 Polyclonal Antibody | anti-AMPD3 antibody

AMPD3 Antibody (Center)

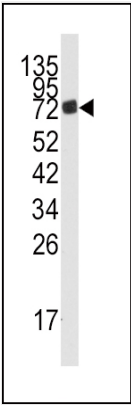
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286899	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

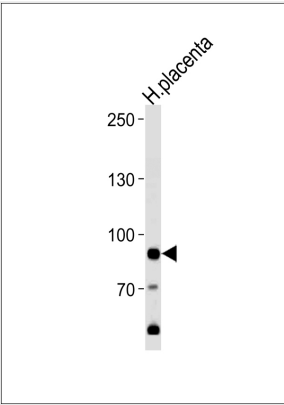
AMPD3; Polyclonal Antibody; AMPD3 Antibody (Center); AMP deaminase 3; AMP deaminase isoform E; Erythrocyte AMP deaminase; anti-AMPD3 antibody

PRODUCT SPECIFICATIONS

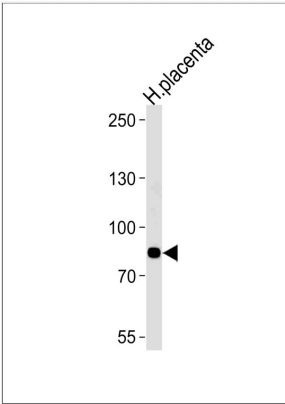
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AMPD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 325-356 amino acids from the Central region of human AMPD3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	325-356
Sequence Length	776
Applicable Applications for anti-AMPD3 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of anti-AMPD3 Antibody (Center) in mouse lung tissue lysates (35ug/lane). AMPD3 (arrow) was detected using the purified Pab.



WB (Western Blot)
AMPD3 Antibody (Center) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the AMPD3 antibody detected the AMPD3 protein (arrow).



WB (Western Blot)
AMPD3 Antibody (Center) western blot analysis in human placenta tissue lysate (35ug/lane). This demonstrates that the AMPD3 antibody detected AMPD3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AMPD3 antibody	AMPD3 is a member of the AMP deaminase gene family. This protein is a highly regulated enzyme that catalyzes the hydrolytic deamination of adenosine monophosphate to inosine monophosphate, a branch point in the adenylate catabolic pathway. The protein is the erythrocyte (E) isoforms, whereas other family members isoforms predominate in muscle (M) and liver (L) cells. Mutations in this gene lead to the clinically asymptomatic, autosomal recessive condition erythrocyte AMP deaminase deficiency.
Product Categories/Family for anti-AMPD3 antibody	Crown Antibodies; Cardiovascular
References	Mahnke-Zizelman D.K., Eddy R.Biochim. Biophys. Acta 1306:75-92(1996) Yamada Y., Goto H., Wakamatsu N., Ogasawara N.Hum. Mutat. 17:78-78(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502079
NCBI GeneID	272
NCBI Accession #	NP_000471.1; NP_001020560.1; NP_001020561.1; NP_001165901.1; NP_001165902.1
NCBI GenBank Nucleotide #	NM_000480.2
UniProt Accession #	Q01432; A0AUX0; B7Z2S2; B7Z763; B7Z877
Molecular Weight	88812

NCBI Official Full Name	AMP deaminase 3 isoform 1A
NCBI Official Synonym Full Names	adenosine monophosphate deaminase 3
NCBI Official Symbol	AMPD3
NCBI Protein Information	AMP deaminase 3
UniProt Protein Name	AMP deaminase 3
UniProt Gene Name	AMPD3
UniProt Entry Name	AMPD3_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/ampd3-antibody-western-blot-elisa/286899>