

Rabbit anti-Human AMPD2 Polyclonal Antibody | anti-AMPD2 antibody

AMPD2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287096	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

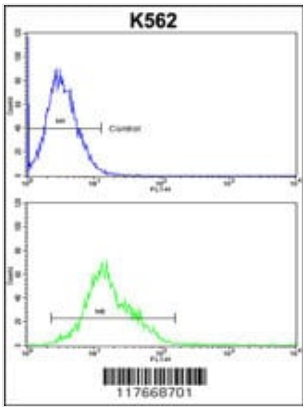
PRODUCT SYNONYMS

AMPD2; Polyclonal Antibody; AMPD2 Antibody (Center); AMP deaminase 2; AMP deaminase isoform L; anti-AMPD2 antibody

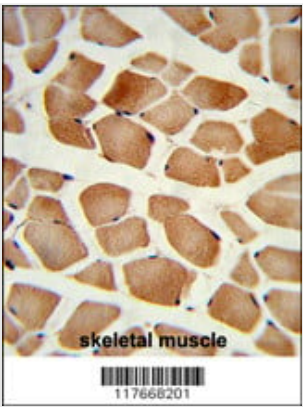
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AMPD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-217 amino acids from the Central region of human AMPD2.
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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	187-217
Sequence Length	761
Applicable Applications for anti-AMPD2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

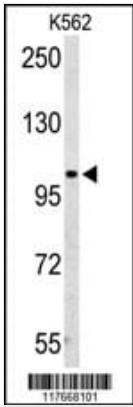
IMAGES



FCM/FACS (Flow Cytometry)
AMPD2 Antibody (Center) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human skeletal muscle reacted with AMPD2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of AMPD2 Antibody (Center) in K562 cell line lysates (35ug/lane). AMPD2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-AMPD2 antibody	AMP deaminase plays a critical role in energy metabolism.
Product Categories/Family for anti-AMPD2 antibody	Metabolism; Signal Transduction
References	Haas,A.L. et.al., Biochem. Biophys. Res. Commun. 305 (2), 421-427 (2003) Mahnke-Zizelman,D.K., et.al., Biochim. Biophys. Acta 1308 (2), 122-132 (1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	383209658
NCBI GeneID	271
NCBI Accession #	NP_001244289.1; NP_001244290.1; NP_004028.3; NP_631895.1; NP_981949.1
NCBI GenBank Nucleotide #	NM_001257360.1
UniProt Accession #	Q01433; Q14856; Q14857; Q16686; Q16687; Q16688; Q16729; Q5T693; Q5T695; B4DK50; B4DZ15; E9PNG0
Molecular Weight	100688

NCBI Official Full Name	AMP deaminase 2 isoform 1
NCBI Official Synonym Full Names	adenosine monophosphate deaminase 2
NCBI Official Symbol	AMPD2
NCBI Official Synonym Symbols	PCH9; SPG63
NCBI Protein Information	AMP deaminase 2
UniProt Protein Name	AMP deaminase 2
UniProt Gene Name	AMPD2
UniProt Entry Name	AMPD2_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/ampd2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287096>