

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

MVD Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289715	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

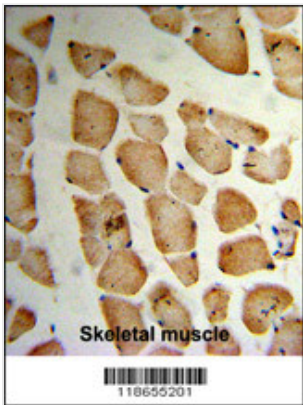
PRODUCT SYNONYMS

MVD; Polyclonal Antibody; MVD Antibody (N-term); Diphosphomevalonate decarboxylase; Mevalonate (diphospho)decarboxylase; MDDase; Mevalonate pyrophosphate decarboxylase; MPD; anti-MVD antibody

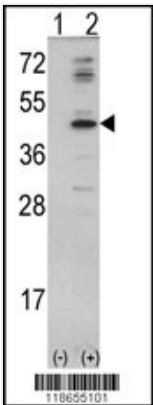
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MVD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-34 amino acids from the N-terminal region of human MVD.
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	7-34
Sequence Length	400
Applicable Applications for anti-MVD antibody	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



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human Skeletal muscle reacted with MVD Antibody (N-term), 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 MVD (arrow) using rabbit polyclonal MVD Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MVD gene (Lane 2).

ADDITIONAL INFORMATION

Related Product Information for anti-MVD antibody	The enzyme mevalonate pyrophosphate decarboxylase catalyzes the conversion of mevalonate pyrophosphate into isopentenyl pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP.
Product Categories/Family for anti-MVD antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Voynova,N.E., Arch. Biochem. Biophys. 480 (1), 58-67 (2008) Hogenboom,S., Mol. Genet. Metab. 81 (3), 216-224 (2004) Wadhwa,R., Biochem. Biophys. Res. Commun. 302 (4), 735-742 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505289
NCBI GeneID	4597
NCBI Accession #	NP_002452.1
NCBI GenBank Nucleotide #	NM_002461.2
UniProt Accession #	P53602; Q53Y65
Molecular Weight	43405
NCBI Official Full Name	diphosphomevalonate decarboxylase
NCBI Official Synonym Full Names	mevalonate (diphospho) decarboxylase
NCBI Official Symbol	MVD
NCBI Official Synonym Symbols	MPD; MDDase; FP17780
NCBI Protein Information	diphosphomevalonate decarboxylase
UniProt Protein Name	Diphosphomevalonate decarboxylase
UniProt Gene Name	MVD
UniProt Synonym Gene Names	MPD; MDDase
UniProt Entry Name	MVD1_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/mvd-antibody-immunohistochemistry-western-blot-elisa/289715>