

MVD Antibody
Rabbit mAb
Catalog # AP92704

Specification

MVD Antibody - Product Information

Application	WB
Primary Accession	P53602
Clonality	Monoclonal
Other Names	
MDDase; MPD; Mvd;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	43405 Da

MVD Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MVD
Description	Performs the first committed step in the biosynthesis of isoprenes.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

MVD Antibody - Protein Information

Name MVD

Synonyms MPD {ECO:0000303|PubMed:14972328}

Function

Catalyzes the ATP dependent decarboxylation of (R)-5- diphosphomevalonate to form isopentenyl diphosphate (IPP). Functions in the mevalonate (MVA) pathway leading to isopentenyl diphosphate (IPP), a key precursor for the biosynthesis of isoprenoids and sterol synthesis.

Cellular Location

Cytoplasm.

Tissue Location

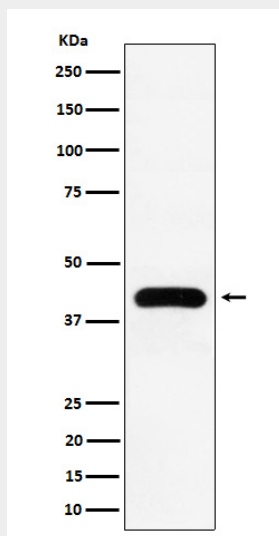
Expressed in heart, skeletal muscle, lung, liver, brain, pancreas, kidney and placenta.

MVD Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MVD Antibody - Images



Western blot analysis of MVD expression in K562 cell lysate.