Datasheet for ABIN453202

anti-MVD antibody (N-Term)

1 Image

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Overview

Quantity:	0.4 mL
Target:	MVD
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MVD antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human MVD
Specificity:	This antibody reacts to MVD.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	MVD
Alternative Name:	MVD (MVD Products)
Background:	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.Synonyms: Diphosphomevalonate decarboxylase, MDDase, MPD, Mevalonate (diphospho)decarboxylase,

Target Details

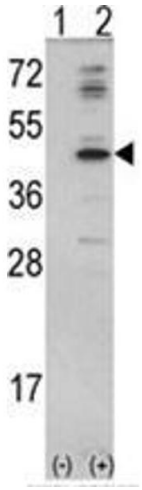
	Mevalonate pyrophosphate decarboxylase
Gene ID:	4597
NCBI Accession:	NP_002452
UniProt:	P53602

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. 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).