

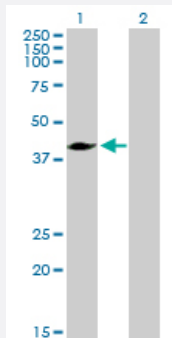
MaxPab®

MVD purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004597-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MVD expression in transfected 293T cell line ([H00004597-T02](#)) by MVD MaxPab polyclonal antibody.

Lane 1: MVD transfected lysate(43.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MVD protein.
Immunogen	MVD (NP_002452.1, 1 a.a. ~ 400 a.a) full-length human protein.
Sequence	MASEKPLAAVTCTAPVNIIVIKYWGKRDEELVLPINSSLSVTLHQDQLKTTTTAVISKDFTEDRWL NGREEDVGQPRQLQACLREIRCLARKRRNSRDGDLPLSSLSCKVHVASVNNFPTAAGLASSAAGY ACLAYTLARVYGVESDLSEVARRGSGSACRSLYGGFVEWQMGEQADGKDSIARQVAPESHWP ELRVLILVVS AEKLTGSTVGMRASVETSPLLRFRAESVVPARMAEMARCIRERDFPSFAQLTMK DSNQFHATCLDTFPPISYLN AISWRIHLVHRFNAHHGDTKVAYTFDAGPNAVIFTLDDTVAEFVAAV WHGFPPGSNGDTFLKGLQVRPAPLSAELQAALAMEPTPGGVKYIIVTQVGPGPQLDDPCAHL LG PDGLPKPAA
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — MVD

Entrez GeneID [4597](#)

GeneBank Accession# [NM_002461.1](#)

Protein Accession# [NP_002452.1](#)

Gene Name MVD

Gene Alias FP17780, MPD

Gene Description mevalonate (diphospho) decarboxylase

Omim ID [603236](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations diphosphomevalonate decarboxylase|mevalonate pyrophosphate decarboxylase

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)

- [Terpenoid backbone biosynthesis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)