

DNAXPAb

Hard-to-Find
Antibody

MVD DNAXPab

Catalog # H00004597-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MVD DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MASEKPLAAVTCTAPVNIAMIKYWGKRDEELVLPINSSLSVTLHQDQLKTTTTAVISKDFTEDRWL NGREEDVGQPRQLQACLRIRCLARKRRNSRDGDLPSLSCKVHVASVNNFPTAAGLASSAAGY ACLAYTLARVYGVESDLSEVARRGSGSACRSLYGGFVEWQMGEQADGKDSIARQVAPESHWP ELRVLILVVSAAEKKLTGSTVGMRASVETSPLLRFRAESVVPARMAEMARCIRERDFPSFAQLTMK DSNQFHATCLDTFPPISYLNASWRIHLVHRFNAHHGDTKVAYTFDAGPNAVIFLDDTVAEFVAHV WHGFPPGSGNDTFLKGLQVRPAPLSAELQAALAMEPTPGGVKYIIVTQVGPQILDDPCAHLG PDGLPKPAA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)