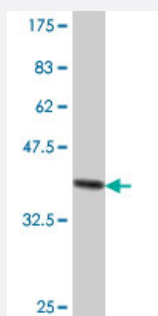


IDI1 polyclonal antibody (A01)

Catalog # H00003422-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.1 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant IDI1.
Immunogen	IDI1 (NP_004499, 175 a.a. ~ 283 a.a) partial recombinant protein with GST tag.
Sequence	IPLEEVPPPEEINYLTRIHKAQSDGHWGEHEIDYLLVRKNVTLNPDNPNEIKSYCYVSKEELKELLKKA ASGEIKITPWFKIIAATFLFKWWDNLNHLNQFVDHEKIYR
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.1 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — IDI1

Entrez GeneID [3422](#)

GeneBank Accession# [NM_004508](#)

Protein Accession# [NP_004499](#)

Gene Name IDI1

Gene Alias IPP1, IPP11

Gene Description isopentenyl-diphosphate delta isomerase 1

Omim ID [604055](#)

Gene Ontology [Hyperlink](#)

Gene Summary IDI1 encodes a peroxisomally-localized enzyme that catalyzes the interconversion of isopentenyl diphosphate (IPP) to its highly electrophilic isomer, dimethylallyl diphosphate (DMAPP), which are the substrates for the successive reaction that results in the synthesis of farnesyl diphosphate and, ultimately, cholesterol. It has been shown in peroxisomal deficiency diseases such as Zellweger syndrome and neonatal adrenoleukodystrophy that there is reduction in IPP isomerase activity. [provided by RefSeq]

Other Designations IPP isomerase|OTTHUMP00000018951|isopentenyl diphosphate dimethylallyl diphosphate isomerase 1|isopentenyl pyrophosphate isomerase 1|isopentenyl-diphosphate delta isomerase

Pathway

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