

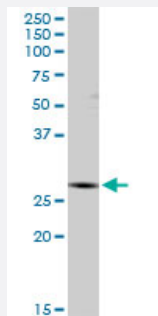
MaxPab®

IDI1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003422-D01P

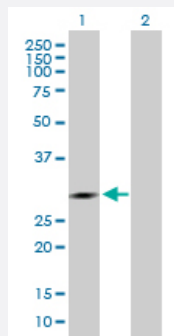
Size 100 ug

Applications



Western Blot (Cell lysate)

IDI1 MaxPab rabbit polyclonal antibody. Western Blot analysis of IDI1 expression in IMR-32.



Western Blot (Transfected lysate)

Western Blot analysis of IDI1 expression in transfected 293T cell line ([H00003422-T01](#)) by IDI1 MaxPab polyclonal antibody.

Lane 1: IDI1 transfected lysate(26.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human IDI1 protein.
Immunogen	IDI1 (AAH57827.1, 1 a.a. ~ 228 a.a) full-length human protein.
Sequence	MMPEINTNHLDKQQVQLLAEMCILIDENDNKIGAETKKNCHLNENIEKGLLHRAFSVFLFNTENKLL LQQRSDAKITFPGCFTNTCCSHPLSNPAELEESDALGVRRAAQRRLKAELGIPLEEVPPPEEINYLT RIHYKAQSDGIWGEHEIDYILLVRKNVTLNPDNPNEIKSYCYVSKEELKELLKKAASGEIKITPWFKIIAA TFLFKWWDNLNHLNQFVDHEKIYRM
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.

Applications

- Western Blot (Cell lysate)

IDI1 MaxPab rabbit polyclonal antibody. Western Blot analysis of IDI1 expression in IMR-32.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of IDI1 expression in transfected 293T cell line ([H00003422-T01](#)) by IDI1 MaxPab polyclonal antibody.

Lane 1: IDI1 transfected lysate(26.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — IDI1

Entrez GeneID	3422
---------------	----------------------

GeneBank Accession#	BC057827.1
---------------------	----------------------------

Protein Accession#	AAH57827.1
--------------------	----------------------------

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](#)