

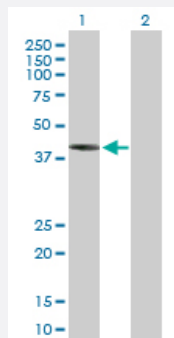
MaxPab®

IVD purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003712-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of IVD expression in transfected 293T cell line ([H00003712-T02](#)) by IVD MaxPab polyclonal antibody.

Lane 1: IVD transfected lysate(46.53 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human IVD protein.

Immunogen

IVD (NP_002216.1, 1 a.a. ~ 423 a.a) full-length human protein.

Sequence

MATATRLLGWRVASWRLRPPLAGFVSQRAHSLLPVDDAINGLSEEQRQLRQTMAKFLQEHLAPK
AQEIDRSNEFKNLREFWKQLGNLGVLGITAPVQYGGSGLGYLEHVLVMEISRASGAVGLSYGAH
SNLCINQLVRNGNEAQKEKYLKLSIGEYIGALAMSEPNAAGSDVVSMLKAEKKGNYHLNNGKFW
ITNGPDADVLIVYAKTDLAAPASRGITAFIVEKGMPGFSTSKKLDKLGMRGSNTCELIFEDCKIPAA
NILGHENKGVVYVLMGSLDLRLVLGGPLGLMQAVLDHTIPYLHVREAFGQKIGHFQLMQGKMAD
MYRLMACRQYVYNVAKACDEGHCTAKDCAGVILYSAECATQVALDGIQCFGGNGYINDFPMGRF
LRDAKLYEIGAGTSEVRRRLVIGRAFNAFDH

Host

Mouse

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 — IVD

Entrez GeneID [3712](#)

GeneBank Accession# [NM_002225.2](#)

Protein Accession# [NP_002216.1](#)

Gene Name IVD

Gene Alias ACAD2

Gene Description isovaleryl Coenzyme A dehydrogenase

Omim ID [243500 607036](#)

Gene Ontology [Hyperlink](#)

Gene Summary Isovaleryl-CoA dehydrogenase (IVD) is a mitochondrial matrix enzyme that catalyzes the third step in leucine catabolism. The genetic deficiency of IVD results in an accumulation of isovaleric acid, which is toxic to the central nervous system and leads to isovaleric acidemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations -

Pathway

- [Metabolic pathways](#)
- [Valine](#)

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)