

DNAxPAb

Hard-to-Find
Antibody

IVD DNAxPab

Catalog # H00003712-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human IVD DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MATATRLLGWRVASWRLRPPLAGFVSQRAHSLLPVDDAINGLSEEQRQLRQTMAKFLQEHLAPK AQEIDRSNEFKNLREFWKQLGNLGVLGITAPVQYGGSGLGYLEHVLVMEEISRASGAVGLSYGAH SNLCINQLVRNGNEAQKEKYLPKLISGEYIGALAMSEPNAAGSDVVSMLKAEKKGNHYLNGNKFW ITNGPDADVLIVAKTDLAAPASRGITAFIVEKGMPGFSTSKKLDKLGMRGSNTCELIFEDCKIPAA NILGHENKGVVYVLMGSLDLERLVLGGPLGLMQAVLDHTIPYLHVREAFGQKIGHFQLMQGKMAD MYTRLMACRQYVYNVAKACDEGHCTAKDCAGVILYSAECATQVALDGIQCFGGNGYINDFPMGRF LRDAKLYEIGAGTSEVRRLVIGRAFNAFDH
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 — 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](#)