

DNAxPAb

Hard-to-Find  
Antibody

# HSD17B10 DNAxPab

Catalog # H00003028-W01P      Size 200 ug

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human HSD17B10 DNA using DNAx™ Immune technology.
<b>Technology</b>	<a href="#">DNAx™ Immune</a>
<b>Immunogen</b>	Full-length human DNA
<b>Sequence</b>	MAAACRSVKGLVAVITGGASGLGLATAERLVGQGASAVLLDLPNSGGGEAQAKKLGNNCVFAPA DVTSEKDVQTALALAKGKFGRVDVAVNCAGIIVASKTYNLKKGQHTLEDQFQVLDVNLMTFN VIRLVAGEMGQNEPDQGGQRGVIINTASVAAFEGQVQQAAYSASKGGIVGMTLPIARDLAPIGIRVM TIAPGLFGTPLLLTSLPEKVCNFLASQVPFPSRLGDPAEYAHLVQAIENPFLNGEVIRLDGAIRMQP
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	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 — HSD17B10

Entrez GeneID	<a href="#">3028</a>
GeneBank Accession#	<a href="#">NM_004493.2</a>
Protein Accession#	<a href="#">NP_004484.1</a>
Gene Name	HSD17B10
Gene Alias	17b-HSD10, ABAD, CAMR, DUPXp11.22, ERAB, HADH2, HCD2, MHBD, MRPP2, MRX17, MRX31, MRXS10, SCHAD, SDR5C1
Gene Description	hydroxysteroid (17-beta) dehydrogenase 10
Omim ID	<a href="#">300256</a> <a href="#">300438</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes 3-hydroxyacyl-CoA dehydrogenase type II, a member of the short-chain dehydrogenase/reductase superfamily. The gene product is a mitochondrial protein that catalyzes the oxidation of a wide variety of fatty acids, alcohols, and steroids. The protein has been implicated in the development of Alzheimer's disease, and mutations in the gene are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD). Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq]
Other Designations	17-beta-hydroxysteroid dehydrogenase type 10 3-hydroxy-2-methylbutyryl-CoA dehydrogenase A B-binding alcohol dehydrogenase OTTHUMP00000023348 OTTHUMP00000023349 amyloid-beta binding polypeptide amyloid-beta peptide binding alcohol dehydrogenase mental retina

## Pathway

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