

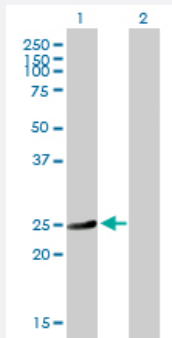
MaxPab®

# HSD17B10 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003028-B01P

Size 50 ug

## Applications

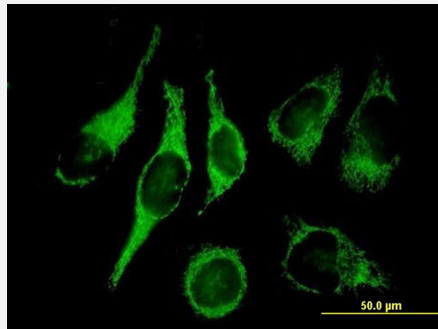


### Western Blot (Transfected lysate)

Western Blot analysis of HSD17B10 expression in transfected 293T cell line ([H00003028-T01](#)) by HSD17B10 MaxPab polyclonal antibody.

Lane 1: HADH2 transfected lysate(28.71 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HADH2 on HeLa cell. [antibody concentration 10 ug/ml]

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HSD17B10 protein.
Immunogen	HSD17B10 (NP_004484.1, 1 a.a. ~ 261 a.a) full-length human protein.
Sequence	MAAACRSVKGLVAVITGGASGLGLATAERLVGQGASAVLLDLPNSGGGEAQAKKLGNNCVFAPA DVTSEKDVQTALALAKGKFGRVDVAVNCAGIIVASKTYNLKKGQTHLTLEDFQRVLDVNLMTGFN VIRLVAGEMGQNEPDQGGQRGVIINTASVAAFEGQVQQAAYSASKGGIVGMTLPIARDLAPIGIRVM TIAPGLFGTPLLTSLEPKVCNFLASQVPFPSRLGDPAEYAHVLVQAIENPFLNGEVIRLDGAIRMQP
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](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HADH2 on HeLa cell. [antibody concentration 10 ug/ml]

## 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-be  
ta binding polypeptide|amyloid-beta peptide binding alcohol dehydrogenase|mental reta

## Pathway

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