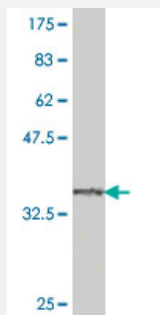


HSD17B10 polyclonal antibody (A01)

Catalog # H00003028-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant HSD17B10.
Immunogen	HSD17B10 (NP_004484, 31 a.a. ~ 128 a.a) partial recombinant protein with GST tag.
Sequence	VGQGASAVLLDLPNSGGGEAQAKKLGNNCVFAPADVTSEKDVQTALALAKGKFGRVDVAVNCAG IAVASKTYNLKKGQHTLTLEDFQRVLDVNLMGTFNV
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HSD17B10

Entrez GeneID	3028
GeneBank Accession#	NM_004493
Protein Accession#	NP_004484
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	300256 300438
Gene Ontology	Hyperlink
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

Publication Reference

- [Levels of 17β-hydroxysteroid dehydrogenase type 10 in CSF are not a valuable biomarker for multiple sclerosis.](#)

Kristofikova Z, Ricny J, Kaping D, Klaschka J, Kotoucova J, Bartos A.

Biomarkers in Medicine 2018 Dec; [Epub].

Application: ELISA, Human, Cerebrospinal fluid from patients with multiple sclerosis

Pathway

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