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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HSD17B10 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00003028-B01

規格 : [50 uL]

[List All](#)

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:	MAAACRSVKGLVAVITGGASGLGLATAERLVGGASAVLLDLPNSGGE AQAKKLGNNCVFAPADVTSEKDVQATALALAKGKFGKRVDAVNCAGIAVA SKTYNLKKGQHTLEDFQRVLDVNLMGTFNVIRLVAGEMGQNEPDQGG QRGVIINTASVAAFEGQVGGAAAYSASKGGVGMTLPIARDLAPIGIRVMTIA PGLFGTPLLSLPEKVCNFLASQVPFPSRLGDPAEYAHLVQAIENPFLNG EVIRLDGAIRMQP
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	No additive
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note:	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
MSDS:	Download
Datasheet:	Download

Publication Reference

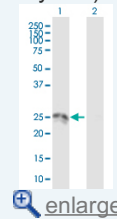
- Enhanced levels of mitochondrial enzyme 17 β -hydroxysteroid dehydrogenase type 10 in patients with Alzheimer disease and multiple sclerosis.
Kristofikova Z, Bockova M, Hegnerova K, Bartos A, Klaschka J, Ricny J, Ripova D, Homola J. Mol Biosyst. 2009 Oct;5(10):1174-9. Epub 2009 Jul 6.

Applications

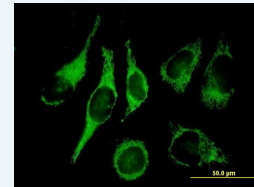
Western Blot (Transfected lysate)

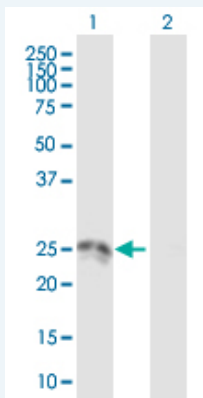
Application Image

Western Blot (Transfected lysate)



Immunofluorescence



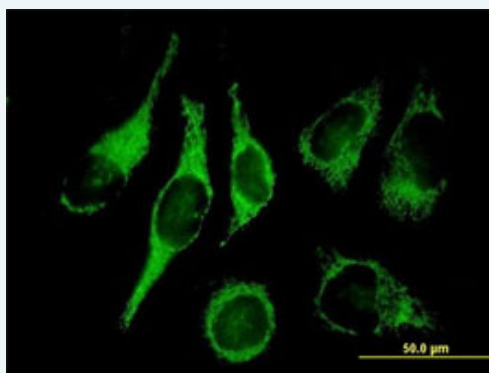


Western Blot analysis of HSD17B10 expression in transfected 293T cell line ([H00003028-T01](#)) by HSD17B10 MaxPab polyclonal antibody.

Lane 1: HADH2 transfected lysate(28.71 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Immunofluorescence



enlarge this image

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

[Protocol Download](#)

Gene Information

Entrez GeneID: [3028](#)

GeneBank [NM_004493.2](#)
Accession#:

Protein [NP_004484.1](#)
Accession#:

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,AB-binding alcohol dehydrogenase,OTTHUMP00000023348,OTTHUMP00000023349,amyloid-beta binding polypeptide,amyloid-beta peptide binding alcohol dehydrogenase,mental reta

Gene Pathway

[Alzheimer's disease](#) [Metabolic pathways](#) [Valine, leucine and isoleucine degradation](#)

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