



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



## HSD17B10 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003028-B01P

規格 : [ 50 ug ]

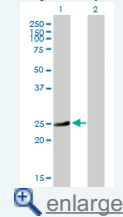
[List All](#)

### Specification

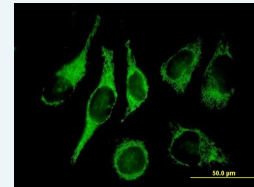
<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human HSD17B10 protein.
<b>Immunogen:</b>	HSD17B10 (NP_004484.1, 1 a.a. ~ 261 a.a) full-length human protein.
<b>Sequence:</b>	MAAACRSVKGLVAVITGGASGLGLATAERLVGGASAVLLDLPNSGGE AQAKKLGNNCVFAPADVTSEKDVQATALALAKGKFGRVDVAVNCAGIAVA SKTYNLKKGQHTLEDFQRVLDVNLMGTFNVIRLVAGEMGQNEPDQGG QRGVIIINTASVAAFEGQVQQAAYSASKGGVGM TLPIARDLAPIGIRVMTIA PGLFGTPLLSLPEKVCNFLASQVPFPSRLGDPAEYAHLVQAIENPFLNG EVIRLDGAIRMQP
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<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.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

### Application Image

Western Blot (Transfected lysate)

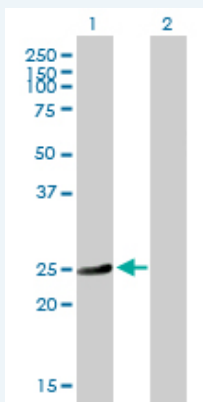


Immunofluorescence



### Applications

#### Western Blot (Transfected lysate)

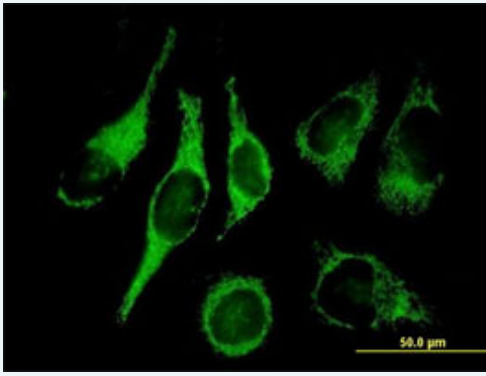


Western Blot analysis of HSD17B10 expression in transfected 293T cell line ([H00003028-T01](#)) by HSD17B10 MaxPab polyclonal antibody.

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

 [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  
Accession#:** [NM\\_004493.2](#)

**Protein  
Accession#:** [NP\\_004484.1](#)

**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,OTTHUMP0000023348,OTTHUMP0000023349,amyloid-beta binding polypeptide,amyloid-beta peptide binding alcohol dehydrogenase,mental ret

## Gene Pathway

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