



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## HADH2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00003028-T02

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

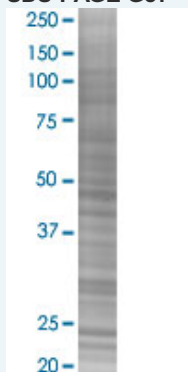
**Plasmid:** pCMV-HADH2 full-length

**Host:** Human

**Theoretical MW (kDa):** 26.9

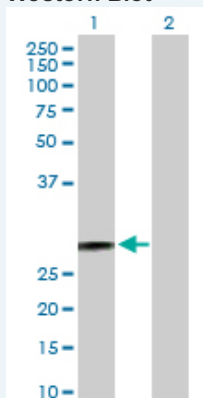
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-HADH2 antibody ([H00003028-D01P](#)) by Western Blots.

#### SDS-PAGE Gel



HSD17B10 transfected lysate.

#### Western Blot



Lane 1: HSD17B10 transfected lysate ( 26.90 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### 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, OTTHUMP00000023348, OTTHUMP00000023349, amyloid-beta binding polypeptide, amyloid-beta peptide binding alcohol dehydrogenase, mental retina

### Gene Pathway

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

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