



# SZABO SCANDIC

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## Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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

Catalog # : H00001622-T02

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

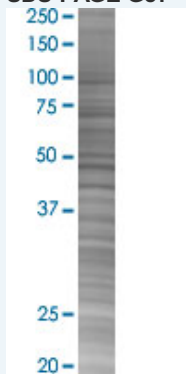
**Plasmid:** pCMV-DBI full-length

**Host:** Human

**Theoretical MW (kDa):** 11.8

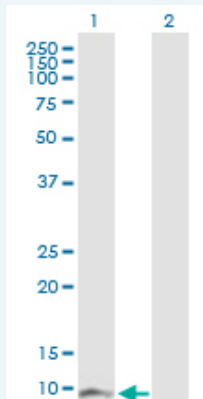
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-DBI antibody (H00001622-D01P) by Western Blots.

#### SDS-PAGE Gel



DBI transfected lysate.

#### Western Blot



Lane 1: DBI transfected lysate ( 11.80 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: [1622](#)

GeneBank Accession#: [NM\\_020548](#)

Protein Accession#: [NP\\_065438.1](#)

Gene Name: DBI

Gene Alias: ACBD1,ACBP,CCK-RP,EP,MGC70414

Gene Description: diazepam binding inhibitor (GABA receptor modulator, acyl-Coenzyme A binding protein)

Omim ID: [125950](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes diazepam binding inhibitor, a protein that is regulated by hormones and is involved in lipid metabolism and the displacement of beta-carbolines and benzodiazepines, which modulate signal transduction at type A gamma-aminobutyric acid receptors located in brain synapses. The protein is conserved from yeast to mammals, with the most highly conserved domain consisting of seven contiguous residues that constitute the hydrophobic binding site for medium- and long-chain acyl-Coenzyme A esters. Diazepam binding inhibitor is also known to mediate the feedback regulation of pancreatic secretion and the postprandial release of cholecystokinin, in addition to its role as a mediator in corticotropin-dependent adrenal steroidogenesis. Three pseudogenes located on chromosomes 6, 8 and 16 have been identified. Multiple transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

**Other Designations:** GABA receptor modulator,acyl coenzyme A binding protein,acyl-Coenzyme A binding domain containing 1,cholecystokinin-releasing peptide, trypsin-sensitive,diazepam binding inhibitor,diazepam binding inhibitor, splice form 1c,endozepine

### Gene Pathway

[PPAR signaling pathway](#)

### Related Disease

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