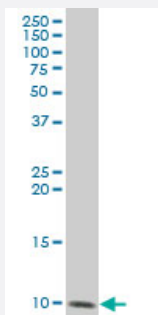


DBI polyclonal antibody (A01)

Catalog # H00001622-A01

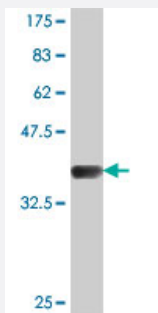
Size 50 uL

Applications



Western Blot (Cell lysate)

DBI polyclonal antibody (A01), Lot # 060613JCS1 Western Blot analysis of DBI expression in SJCRH30 (Cat # L027V1).



Western Blot detection against Immunogen (37.55 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant DBI.
Immunogen	DBI (NP_065438, 1 a.a. ~ 104 a.a) partial recombinant protein with GST tag.
Sequence	MWGDLWLLPPASANPGTGTEAEFEKAAEEVRHLKTKPSDEEMLFYGHYKQATVGDINTERPGMLDFTGKAKWDAWNELKGTSKEDAMKAYINKVEELKKKYGI
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.55 KDa) .

Storage Buffer 50 % glycerol

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

DBI polyclonal antibody (A01), Lot # 060613JCS1 Western Blot analysis of DBI expression in SJCRH30 (Cat # L027V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — DBI

Entrez GeneID [1622](#)

GeneBank Accession# [NM_020548](#)

Protein Accession# [NP_065438](#)

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 1|clonazepam

Pathway

- [PPAR signaling pathway](#)

Disease

- [Agoraphobia](#)
- [Anxiety Disorders](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Panic Disorder](#)