

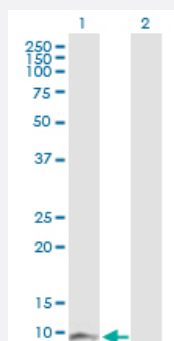
MaxPab®

DBI purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001622-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DBI expression in transfected 293T cell line ([H00001622-T02](#)) by DBI MaxPab polyclonal antibody.

Lane 1: DBI transfected lysate(11.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DBI protein.
Immunogen	DBI (NP_065438.1, 1 a.a. ~ 104 a.a) full-length human protein.
Sequence	MWGDLWLLPPASANPGTGTEAEFEKAAEEVRHLKTKPSDEEMLFYGHYKQATVGDINTERPGMLDFTGKAKWDAWNELKGTSKEDAMKAYINKVEELKKKYGI
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — DBI

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 1|clonazepam

Pathway

- [PPAR signaling pathway](#)

Disease

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