

DNAxPAb

Hard-to-Find  
Antibody

## DBI DNAxPab

Catalog # H00001622-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DBI DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MWGDWLWLLPPASANPGTGTEAEFEKAAEEVRHLKTKPSDEEMLFYGHYKQATVGDINTERPGMLDFTGKAKWDAWNELKGTSKEDAMKAYINKVEELKKKYGI
Host	Rabbit
Reactivity	Human
Purification	Protein A
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

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — DBI

Entrez GeneID [1622](#)

GeneBank Accession# [NM\\_020548.4](#)

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|endozepine

## Pathway

- [PPAR signaling pathway](#)

## Disease

- [Agoraphobia](#)
- [Anxiety Disorders](#)
- [Diabetes Mellitus](#)

- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Panic Disorder](#)