Rabbit anti-Human, Mouse DBI Polyclonal Antibody | anti-DBI antibody

DBI Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174205	**Rabbit**	**Human, Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

DBI; Polyclonal Antibody; DBI Polyclonal Antibody; ACBD 1; ACBD1; ACBP; Acyl CoA binding domain containing 1; Acyl CoA binding protein; Acyl Coenzyme A binding domain containing 1; Acyl coenzyme A binding protein; Acyl-CoA-binding protein; CCK RP; CCKRP; Cholecystokinin releasing peptide trypsin sensitive; Diazepam-binding inhibitor; Endozepine; EP; GABA receptor modulator; MGC70414; anti-DBI antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	104
Applicable Applications for anti-DBI antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human DBI
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cells using DBI antibody.

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded mouse brain using DBI Antibody.

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human prostate using DBI Antibody.

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using DBI antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DBI antibody	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.
Product Categories/Family for anti-DBI antibody	Metabolism; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	120433590
NCBI GeneID	1622
NCBI Accession #	NP_001073331.1
NCBI GenBank Nucleotide #	NM_001079862.2
UniProt Accession #	P07108; P08869; Q4VWZ6; Q53SQ7; Q6IB48; Q9UCI8; B8ZWD2; B8ZWD6; B8ZWD7
Molecular Weight	Calculated: 10kDa; 11kDa; 13kDa; 14kDa; 16kDa Observed: 11kDa
NCBI Official Full Name	acyl-CoA-binding protein isoform 3
NCBI Official Synonym Full Names	diazepam binding inhibitor, acyl-CoA binding protein
NCBI Official Symbol	DBI
NCBI Official Synonym Symbols	EP; ACBP; ACBD1; CCK-RP
NCBI Protein Information	acyl-CoA-binding protein
UniProt Protein Name	Acyl-CoA-binding protein
UniProt Gene Name	**DBI**
UniProt Synonym Gene Names	ACBP; DBI; EP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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