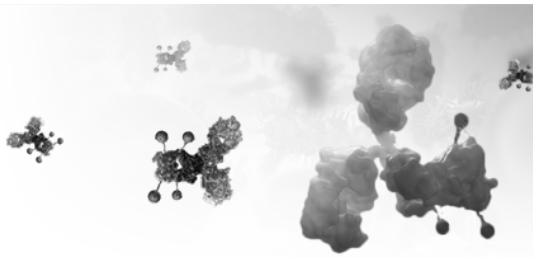

Mouse anti-Human DBI monoclonal antibody, clone 38D0 (CABT-B10069)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant GST fusion protein corresponding to full length human DBI.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	38D0
Purification	Ammonium sulfate precipitation
Conjugate	Unconjugated
Applications	WB, IHC, IP, ELISA
Format	Liquid
Buffer	In HEPES,260mM NaCl (50% glycerol, 0.01% BSA, 0.03% sodium azide)
Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	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, Jul 2008]
Keywords	DBI; diazepam binding inhibitor (GABA receptor modulator, acyl-CoA binding protein); EP; ACBP; ACBD1; CCK-RP; acyl-CoA-binding protein; endozepine; GABA receptor modulator; diazepam-binding inhibitor; acyl coenzyme A binding protein; acyl-Coenzyme A binding domain containing 1; cholecystokinin-releasing peptide, trypsin-sensitive; diazepam binding inhibitor (GABA receptor modulator, acyl-Coenzyme A binding protein);

GENE INFORMATION

Entrez Gene ID	1622
UniProt ID	P07108
Pathway	PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem;
Function	benzodiazepine receptor binding; fatty-acyl-CoA binding; lipid binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221