

DBI Rabbit mAb

Catalog No.: A23242 **Recombinant**

Basic Information

Observed MW

12kDa

Calculated MW

10kDa

Category

Primary antibody

Applications

ELISA,WB

Cross-Reactivity

Human

CloneNo number

ARC60030

Background

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

1622

Swiss Prot

P07108

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-104 of human DBI. (NP_001171513.1).

Synonyms

EP; ACBP; ACBD1; CCK-RP; DBI

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

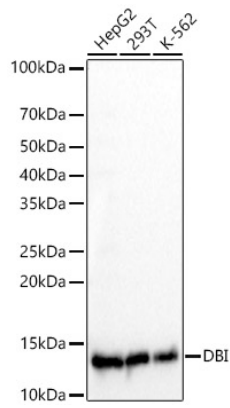
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates, using DBI Rabbit mAb (A23242) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.