

Rabbit DBI Polyclonal Antibody | anti-DBI antibody

DBI Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28262	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Immunoprecipitation, ELISA

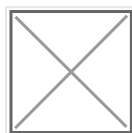
PRODUCT SYNONYMS

DBI; Polyclonal Antibody; DBI Polyclonal Antibody; ACBD1; ACBP; CCK-RP; EP; anti-DBI antibody

PRODUCT SPECIFICATIONS

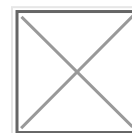
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	MWGDWLWLLPP ASANPGTGTE AEFKAAEEV RHLKTKPSDE EMLFIYGHYK QATVGDINTE RPGMLDFTGK AKWDWANELK GTSKEDAMKA YINKVEELKK KYGI
Sequence Length	87
Applicable Applications for anti-DBI antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), IP (Immunoprecipitation), ELISA
Application Notes	WB: 1:500 - 1:1000 IHC-P: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 0.5 ug- 4 ug antibody for 200 ug- 400 ug extracts of whole cells
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-104 of human DBI (NP_001171513.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 300 ?g extracts of HeLa cells using 3 ?g DBI antibody (AAA28262). Western blot was performed from the immunoprecipitate using DBI antibody (AAA28262) at a dilution of 1:1000.



IF (Immunofluorescence)

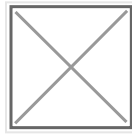
Immunofluorescence analysis of U2OS cells using DBI Rabbit pAb (AAA28262) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

**IF (Immunofluorescence)**

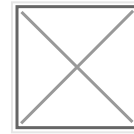
Immunofluorescence analysis of PC-12 cells using DBI Rabbit pAb (AAA28262) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

**IF (Immunofluorescence)**

Immunofluorescence analysis of NIH/3T3 cells using DBI Rabbit pAb (AAA28262) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

**IF (Immunofluorescence)**

Immunofluorescence analysis of A-549 cells using DBI Rabbit pAb (AAA28262) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of DBI in paraffin-embedded rat ovary using DBI Rabbit pAb (AAA28262) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

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	Polyclonal Antibodies

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 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/dbi-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-immunoprecipitation-elisa/28262>