

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

DBI antibody - N-terminal region

CATALOG # AAA197468	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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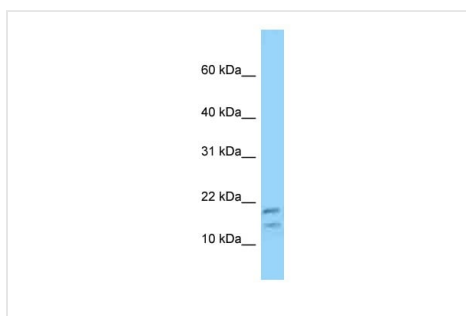
PRODUCT SYNONYMS

DBI; Polyclonal Antibody; DBI antibody - N-terminal region; anti-DBI antibody

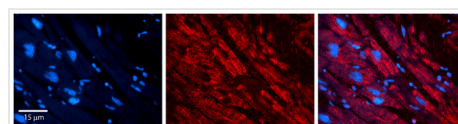
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MW GDLWLLPPAS ANPGTGTEAE FEKAAEEVRH LKTKPSDEEM LFIYGHYK
Sequence Length	104
Applicable Applications for anti-DBI antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Human: 100%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-DBI Antibody Titration: 1.0 ug/ml Positive Control: HT1080 Whole Cell


IHC (Immunohistochemistry)

Rabbit Anti-DBI Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-DBI antibody	This is a rabbit polyclonal antibody against DBI. It was validated on Western Blot Target Description: DBI is diazepam binding inhibitor. The 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. DBI 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; Transcription Factor; Cancer; Membrane Protein; Cell Biology; Developmental Biology; Mitochondria ; Apoptosis; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	10140853
NCBI GeneID	1622
NCBI Accession #	NP_065438
NCBI GenBank Nucleotide #	NM_020548
UniProt Accession #	B8ZWD2; P07108
Molecular Weight	12kDa
NCBI Official Full Name	acyl-CoA-binding protein isoform 1
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

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dbi-antibody-immunohistochemistry-western-blot-elisa/197468>