

DBI Polyclonal Antibody

Catalog No: #30286

Package Size: #30286-1 50ul #30286-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

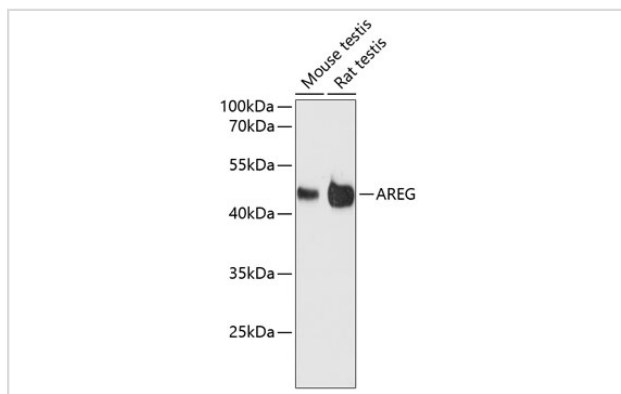
Description

Product Name	DBI Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human DBI (NP_001171513.1).
Other Names	DBI; ACBD1; ACBP; CCK-RP; EP; acyl-CoA-binding protein
Accession No.	Swiss-Prot#:P07108NCBI Gene ID:1622
Calculated MW	10kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

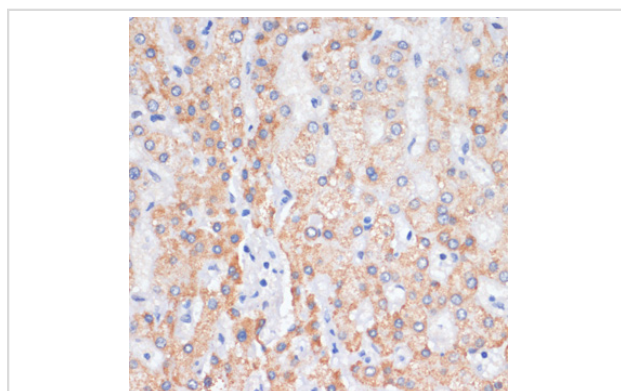
Application Details

WB □ 1:1000 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

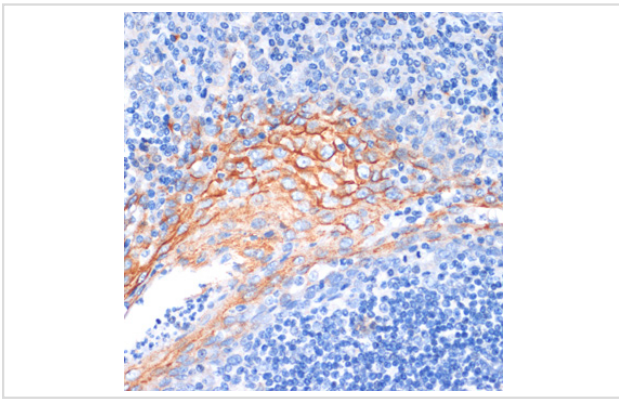
Images



Western blot analysis of extracts of various cell lines, using AREG antibody at 1:3000 dilution.



Immunohistochemistry of paraffin-embedded human liver using AREG antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human tonsil using AREG antibody at dilution of 1:100 (40x lens).

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.