

**DBI antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10471****Specification****DBI antibody - N-terminal region - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P07108</a>
Other Accession	<a href="#">NM_001079862</a> , <a href="#">NP_001073331</a>
Reactivity	Human, Mouse, Rat, Bovine, Dog
Predicted	Human, Mouse, Pig, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10kDa KDa

**DBI antibody - N-terminal region - Additional Information****Gene ID 1622**Alias Symbol **ACBD1, ACBP, CCK-RP, EP, MGC70414****Other Names**

Acyl-CoA-binding protein, ACBP, Diazepam-binding inhibitor, DBI, Endozepine, EP, DBI

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-DBI antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

DBI antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**DBI antibody - N-terminal region - Protein Information****Name DBI****Function**

Binds medium- and long-chain acyl-CoA esters with very high affinity and may function as an intracellular carrier of acyl-CoA esters. It is also able to displace diazepam from the benzodiazepine (BZD) recognition site located on the GABA type A receptor. It is therefore possible that this protein also acts as a neuropeptide to modulate the action of the GABA receptor.

**Cellular Location**

Endoplasmic reticulum. Golgi apparatus Note=Golgi localization is dependent on ligand binding (PubMed:17953517).

**Tissue Location**

Isoform 1 is ubiquitous, with a moderate expression level. Isoform 2 is ubiquitous with high level in liver and adipose tissue. Isoform 3 is ubiquitous with strong expression in adipose tissue and heart.

**DBI antibody - N-terminal region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

