

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

| | |
|-------------------|---|
| Application | WB, IHC |
| Primary Accession | P07108 |
| Other Accession | NM_001079862 , NP_001073331 |
| 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](#)

