

Diazepam-Binding Inhibitor Fragment, human
Synthetic Peptide
Catalog # SP2108b**Specification**

Diazepam-Binding Inhibitor Fragment, human - Product InformationPrimary Accession
Sequence[P07108](#)
QATVGDINTERPGMLDFTGK**Diazepam-Binding Inhibitor Fragment, human - Additional Information****Gene ID** 1622**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Diazepam-Binding Inhibitor Fragment, human - 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.

Diazepam-Binding Inhibitor Fragment, human - Images