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# Anxiety Peptide
**Synthetic Peptide**
**Catalog # SP2995a**

## Specification

### Anxiety Peptide - Product Information

| | |
|---|---|
| Primary Accession | P31786 |
| Other Accession | P11030 |
| Sequence | **NH2-QATVGDVNTDRPGLLDLK-COOH** |

### Anxiety Peptide - Additional Information

**Gene ID** 13167

**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.

### Anxiety Peptide - 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 {ECO:0000250|UniProtKB:P07108}. Golgi apparatus {ECO:0000250|UniProtKB:P07108}. Note=Golgi localization is dependent on ligand binding. {ECO:0000250|UniProtKB:P07108}

### Anxiety Peptide - Images