

CUZD1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11139b**Specification****CUZD1 Antibody (C-term) Blocking peptide -
Product Information**Primary Accession [O86UP6](#)**CUZD1 Antibody (C-term) Blocking peptide -
Additional Information**

Gene ID 50624

Other Names

CUB and zona pellucida-like domain-containing protein 1, CUB and ZP domain-containing protein 1, Transmembrane protein UO-44, CUZD1 {ECO:0000312|EMBL:CAH700061}

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.

**CUZD1 Antibody (C-term) Blocking peptide -
Protein Information**Name CUZD1
{ECO:0000312|EMBL:CAH70006.1}**Function**

Localized to zymogen granules, where it functions in trypsinogen activation (By similarity). May indirectly regulate cell motility, cell-cell and cell/extracellular matrix interactions (PubMed:<a href="http://www.uniprot.org/citations/15184879"

**CUZD1 Antibody (C-term) Blocking peptide
- Background**

Potent and specific cellular inhibitor of CaM-kinase II (CAMK2). Traps Ca(2+)/calmodulin on CAMK2. May play an important role in the regulation of cell growth when overexpressed in colon adenocarcinoma LoVo cells. Traps Ca(2+)/calmodulin on CAMK2.

**CUZD1 Antibody (C-term) Blocking peptide
- References**

Leong, C.T., et al. Oncogene 26(6):870-880(2007)Blanchetot, C., et al. Methods 35(1):44-53(2005)Leong, C.T., et al. Oncogene 23(33):5707-5718(2004)Deloukas, P., et al. Nature 429(6990):375-381(2004)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

target="_blank">15184879).

Cellular Location

Zymogen granule membrane
{ECO:0000250|UniProtKB:P70412};
Single-pass type I membrane protein
{ECO:0000250|UniProtKB:P70412}

Tissue Location

Detected in pancreas and epithelium of ovary. Expressed at higher levels in ovarian tumors than in normal tissue

**CUZD1 Antibody (C-term) Blocking peptide
- Protocols**

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

- [Blocking Peptides](#)