

CUZD1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11139b**Specification**

CUZD1 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q86UP6](#)**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: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](#)

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