

**CAN12 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8838a****Specification**

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**CAN12 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q6ZSI9](#)**CAN12 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 147968**Other Names**

Calpain-12, 3422-, Calcium-activated neutral proteinase 12, CANP 12, CAPN12

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8838a](/products/AP8838a) was selected from the N-term region of human CAN12. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**CAN12 Antibody (N-term) Blocking Peptide - Protein Information****Name** CAPN12**Function**

Calcium-regulated non-lysosomal thiol-protease.

**CAN12 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**CAN12 Antibody (N-term) Blocking Peptide - Images****CAN12 Antibody (N-term) Blocking Peptide - Background**

Calpains are a family of cytosolic calcium-activated cysteine proteases involved in a variety of cellular processes including apoptosis, cell division, modulation of integrin-cytoskeletal interactions, and synaptic plasticity (Dear et al., 2000 [PubMed 10964513]). CAPN12 belongs to the calpain large subunit family.[supplied by OMIM].

#### **CAN12 Antibody (N-term) Blocking Peptide - References**

Dear,T.N., et.al., Genomics 68 (2), 152-160 (2000)