

CAPN8 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP13161c**Specification****CAPN8 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [A6NHC0](#)**CAPN8 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 388743**Other Names**Calpain-8, New calpain 2, nCL-2,
Stomach-specific M-type calpain, CAPN8,
NCL2**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13161c was selected from the Center region of CAPN8. 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.

CAPN8 Antibody (Center) Blocking Peptide - Protein Information**Name** CAPN8**Synonyms** NCL2**CAPN8 Antibody (Center) Blocking Peptide - Background**

Calcium-regulated non-lysosomal thiol-protease. Involved in membrane trafficking in the gastric surface mucus cells (pit cells) and may involve the membrane trafficking of mucus cells via interactions with coat protein. Proteolytically cleaves the beta-subunit of coatomer complex (By similarity).

CAPN8 Antibody (Center) Blocking Peptide - References

Hata, S., et al. J. Biol. Chem. 282(38):27847-27856(2007)Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)Hata, S., et al. J. Mol. Evol. 53(3):191-203(2001)Huang, Y., et al. Trends Mol Med 7(8):355-362(2001)Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001)

Function

Calcium-regulated non-lysosomal thiol-protease. Involved in membrane trafficking in the gastric surface mucus cells (pit cells) and may involve the membrane trafficking of mucus cells via interactions with coat protein. Proteolytically cleaves the beta-subunit of coatomer complex (By similarity).

Cellular Location

Cytoplasm. Golgi apparatus

Tissue Location

Stomach.

**CAPN8 Antibody (Center) Blocking Peptide
- Protocols**

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

- [Blocking Peptides](#)