10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# 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

**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.

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## CAPN8 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

## CAPN8 Antibody (Center) Blocking Peptide - Images

## 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)