

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

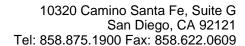
Synonyms NCL2

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