

**CAPNS2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19354c****Specification**

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**CAPNS2 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q96L46](#)**CAPNS2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 84290**Other Names**

Calpain small subunit 2, CSS2, Calcium-dependent protease small subunit 2, CAPNS2

**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.

**CAPNS2 Antibody (Center) Blocking Peptide - Protein Information****Name** CAPNS2**Function**

Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. This small subunit may act as a tissue-specific chaperone of the large subunit, possibly by helping it fold into its correct conformation for activity.

**Cellular Location**

Cytoplasm. Cell membrane. Note=Translocates to the plasma membrane upon calcium binding.

**CAPNS2 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**CAPNS2 Antibody (Center) Blocking Peptide - Images****CAPNS2 Antibody (Center) Blocking Peptide - Background**

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#### **CAPNS2 Antibody (Center) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Lamesch, P., et al. Genomics 89(3):307-315(2007)Ma, H., et al. Curr. Eye Res. 29 (4-5), 337-347 (2004) :Schad, E., et al. Biochem. J. 362 (PT 2), 383-388 (2002) :