

CAPN5 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9694c**Specification****CAPN5 Antibody (Center) Blocking Peptide -
Product Information**Primary Accession [O15484](#)**CAPN5 Antibody (Center) Blocking Peptide -
Additional Information**

Gene ID 726

Other NamesCalpain-5, 3422-, Calpain htra-3, New
calpain 3, nCL-3, CAPN5, NCL3**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.**CAPN5 Antibody (Center) Blocking Peptide -
Protein Information**

Name CAPN5

Synonyms NCL3

FunctionCalcium-regulated non-lysosomal
thiol-protease.**Tissue Location**Expressed in many tissues. Strong
expression in the photoreceptor cells of the
retina, with a punctate pattern of labeling
over the nuclei and inner segments with**CAPN5 Antibody (Center) Blocking Peptide
- Background**

Calpains are calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to *Caenorhabditis elegans* sex determination gene *tra-3*, CAPN5 is also called as HTRA3.

**CAPN5 Antibody (Center) Blocking Peptide
- References**

McGeachie, M., et al. *Circulation*
120(24):2448-2454(2009)Need, A.C., et al.
Hum. Mol. Genet.
18(23):4650-4661(2009)Penna, I., et al. *Mol.*
Hum. Reprod. 14(10):613-618(2008)

less expression along the other segments
and outer plexiform layer.

CAPN5 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)