

**CNTLN Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP13167a****Specification**

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**CNTLN Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9NXG0](#)**CNTLN Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 54875**Other Names**

Centlein, Centrosomal protein, CNTLN, C9orf101, C9orf39

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13167a was selected from the N-term region of CNTLN. 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.

**CNTLN Antibody (N-term) Blocking Peptide - Protein Information****Name** CNTLN**Synonyms** C9orf101, C9orf39**Function**

Required for centrosome cohesion and recruitment of CEP68 to centrosomes.

**Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Note=Colocalizes with gamma-tubulin during interphase and mitosis Appears to associate with the mother centriole during G1 phase and with daughter centrioles towards G1/S phase (By similarity). Localizes to the proximal ends of the centrioles (PubMed:24554434). Levels are high at interphase centrosomes but are reduced on mitotic spindle poles (PubMed:24554434). {ECO:0000250|UniProtKB:A9ZSY0, ECO:0000269|PubMed:24554434}

**CNTLN Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**CNTLN Antibody (N-term) Blocking Peptide - Images****CNTLN Antibody (N-term) Blocking Peptide - Background**

The specific function of this protein remains unknown.

**CNTLN Antibody (N-term) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care (2010) In press :Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Song, H., et al. Nat. Genet. 41(9):996-1000(2009)Makino, K., et al. Biochem. Biophys. Res. Commun. 366(4):958-962(2008)