

**CLGN Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9022c****Specification**

---

**CLGN Antibody (Center) Blocking Peptide - Product Information**Primary Accession [O14967](#)**CLGN Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 1047**Other Names**

Calmegin, CLGN

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9022c](/products/AP9022c) was selected from the Center region of human CLGN. 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.

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

Functions during spermatogenesis as a chaperone for a range of client proteins that are important for sperm adhesion onto the egg zona pellucida and for subsequent penetration of the zona pellucida. Required for normal sperm migration from the uterus into the oviduct. Required for normal male fertility. Binds calcium ions (By similarity).

**Cellular Location**

Endoplasmic reticulum membrane; Single-pass type I membrane protein

**Tissue Location**

Detected in testis (at protein level). Detected in testis.

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

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

- [Blocking Peptides](#)

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

CLGN probably plays an important role in spermatogenesis. Binds calcium ions.

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

van Lith M., et.al., Mol. Biol. Cell 18:2795-2804(2007).