

**Anti-Calmegin Rabbit Monoclonal Antibody**  
Catalog # ABO15792**Specification**

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**Anti-Calmegin Rabbit Monoclonal Antibody - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | WB, IHC, IF, ICC, IP, FC |
| Primary Accession | <a href="#">O14967</a>   |
| Host              | Rabbit                   |
| Isotype           | IgG                      |
| Reactivity        | Rat, Human, Mouse        |
| Clonality         | Monoclonal               |
| Format            | Liquid                   |

**Description**

Anti-Calmegin Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

**Anti-Calmegin Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 1047

**Other Names**

Calmegin, CLGN

**Calculated MW**

95 kDa KDa

**Application Details**

WB 1:1000-1:5000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:50<br>FC 1:50

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human Calmegin

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-Calmegin Rabbit Monoclonal Antibody - 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

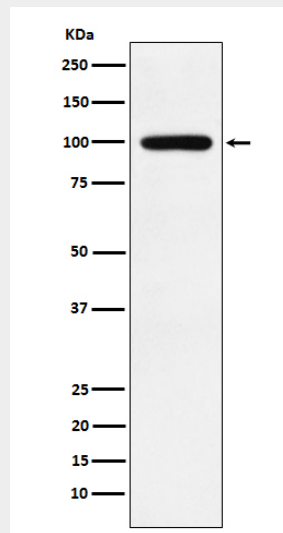
Detected in testis (at protein level). Detected in testis.

## Anti-Calmegin Rabbit Monoclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-Calmegin Rabbit Monoclonal Antibody - Images



Western blot analysis of Calmegin expression in Jurkat cell lysate.