

# Anti-Calmegin Rabbit Monoclonal Antibody

Catalog # ABO15250

## Product Information

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, IF, ICC, IP                                                                                                                |
| <b>Primary Accession</b> | <a href="#">O14967</a>                                                                                                              |
| <b>Host</b>              | Rabbit                                                                                                                              |
| <b>Isotype</b>           | IgG                                                                                                                                 |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                   |
| <b>Clonality</b>         | Monoclonal                                                                                                                          |
| <b>Format</b>            | Liquid                                                                                                                              |
| <b>Description</b>       | Anti-Calmegin Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                         | 1047                                                                                                                                       |
| <b>Other Names</b>                     | Calmegin, CLGN                                                                                                                             |
| <b>Calculated MW</b>                   | 70039                                                                                                                                      |
| <b>Application Details</b>             | WB 1:5000-1:10000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:100<br>IP 1:20                                                                        |
| <b>Source</b>                          | Eukaryota                                                                                                                                  |
| <b>Contents</b>                        | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b><br><b>Immunogen</b> | Clone: 18C26<br>A synthesized peptide derived from human Calmegin                                                                          |
| <b>Purification</b>                    | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>                         | 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. |

## Protein Information

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| <b>Name</b>     | CLGN                                                                                                                                                                                                                       |
| <b>Function</b> | 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**

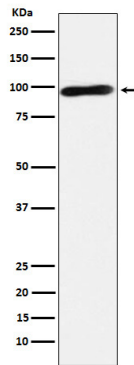
Endoplasmic reticulum membrane; Single-pass type I membrane protein

**Tissue Location**

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

## Images

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Western blot analysis of Calmeglin expression in Jurkat cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.