# Rabbit Calmegin Polyclonal Antibody | anti-CLGN antibody

Calmegin Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA328796** | **Rabbit** | **Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken** | **Western Blot** |

## PRODUCT SYNONYMS

Calmegin; Polyclonal Antibody; Calmegin Antibody; anti-CLGN antibody

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat<br>Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Specificity** | Calmegin Antibody detects endogenous levels of Calmegin. |
| **Purity/Purification** | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific). |
| **Form/Format** | Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Concentration** | 1mg/ml (varies by lot) |
| **Sequence Length** | 610 |
| **Applicable Applications for anti-CLGN antibody** | WB (Western Blot) |
| **Immunogen** | A synthesized peptide derived from human Calmegin. |
| **Tissue Specificity** | Detected in testis (at protein level). Detected in testis. |
| **Fragment** | Fab Fragment |
| **Conjugate** | Unconjugated |
| **Subcellular Location** | Endoplasmic Reticulum |
| **Preparation and Storage** | Store at -20 degree C. Stable for 12 months from date of receipt. |

## IMAGES

**WB (Western Blot)**
Western blot analysis of extracts from Mouse lung tissue, using Calmegin Antibody. The lane on the left was treated with blocking peptide.

**WB (Western Blot)**
Western blot analysis of extracts from various samples, using Calmegin Antibody.Lane 1: Rat brain, treated with blocking peptide;Lane 2: Rat brain;Lane 3: Mouse lung.

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-CLGN antibody** | Description: 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).<br><br>Subunit Structure: Interacts with PPIB. Interacts with ADAM2 (By similarity). Interacts with PDILT.<br><br>Similarity: Belongs to the calreticulin family. |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 194578888 |
| **NCBI GeneID** | 1047 |
| **NCBI Accession #** | NP_001124147.1 |
| **NCBI GenBank Nucleotide #** | NP_001124147.1 |
| **UniProt Accession #** | O14967 |
| **Molecular Weight** | Observed: 93 kDa<br>Predicted: 71 kDa |
| **NCBI Official Full Name** | calmegin |
| **NCBI Official Synonym Full Names** | calmegin |
| **NCBI Official Symbol** | CLGN |
| **NCBI Protein Information** | calmegin |
| **UniProt Protein Name** | Calmegin |
| **UniProt Gene Name** | **CLGN** |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/calmegin-antibody-western-blot-elisa/328796