

Calmegin Rabbit mAb

Catalog No.: A19648 **Recombinant**

Basic Information

Observed MW

70kDa

Calculated MW

70kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2214

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Contact

 | www.abclonal.com

Background

Calmegin is a testis-specific endoplasmic reticulum chaperone protein. CLGN may play a role in spermatogenesis and infertility.

Immunogen Information

Gene ID	Swiss Prot
1047	O14967

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 180-350 of human Calmegin (O14967).

Synonyms

CLGN; Calmegin

Product Information

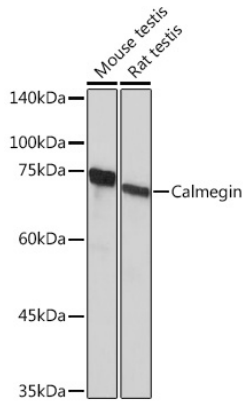
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Calmegin Rabbit mAb (A19648) at 1:1000 dilution.

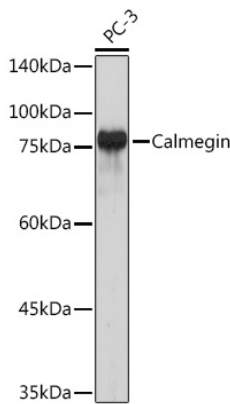
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Western blot analysis of extracts of PC-3 cells, using Calmegin Rabbit mAb (A19648) at 1:1000 dilution.

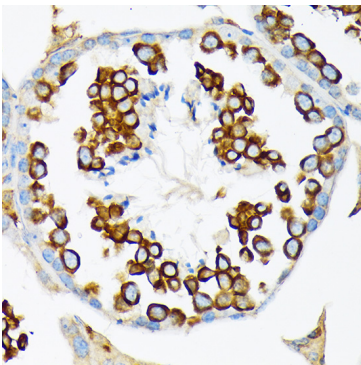
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

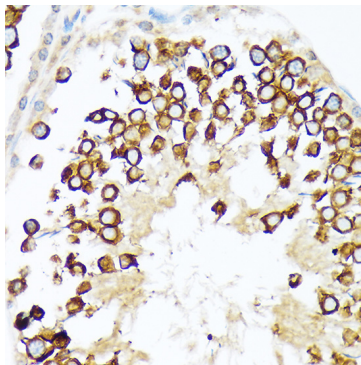
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

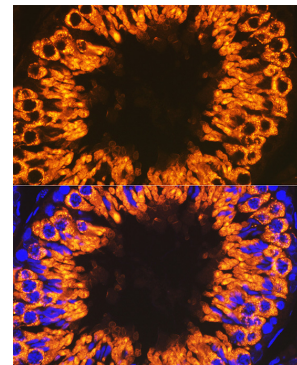
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded mouse testis using Calmegin Rabbit mAb (A19648) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

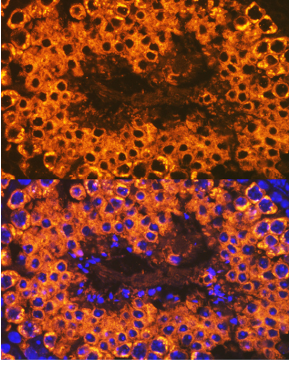


Immunohistochemistry analysis of paraffin-embedded rat testis using Calmegin Rabbit mAb (A19648) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of rat testis cells using Calmegin Rabbit mAb (A19648) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Validation Data



Immunofluorescence analysis of mouse testis cells using Calmegin Rabbit mAb (A19648) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.