

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

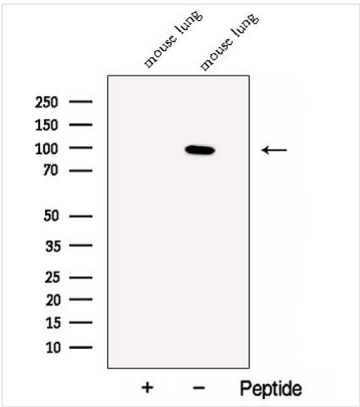
PRODUCT SYNONYMS

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

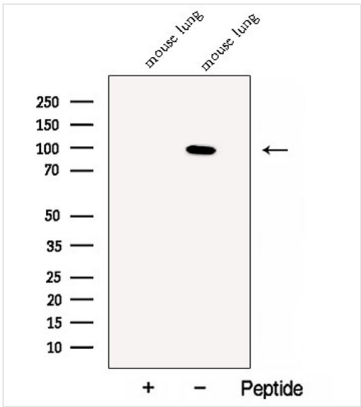
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat 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

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).
	Subunit Structure: Interacts with PPIB. Interacts with ADAM2 (By similarity). Interacts with PDILT.
	Similarity: Belongs to the calreticulin family.

NCBI AND UNIPROT INFORMATION

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 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.