

Datasheet for ABIN2782630
anti-Calmegin antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Calmegin (CLGN)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calmegin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CLGN
Sequence:	YKTPQPIGEV YFAETFDSEGR LAGWVLSKAK KDDMDEEISI YDGRWEIEEL
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against CLGN. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	Calmegin (CLGN)
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Target Details

Alternative Name:	CLGN (CLGN Products)
Background:	<p>Calmegin is a testis-specific endoplasmic reticulum chaperone protein. CLGN may play a role in spermatogenesis and infertility. Calmegin is a testis-specific endoplasmic reticulum chaperone protein. CLGN may play a role in spermatogenesis and infertility.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: PCSK9, FBXL4, ADRB2, CLN5, env, GDE1, XK, UBC, TLR9, SARM1, ADAM2, ADAM1A,</p> <p>Protein Size: 610</p>
Molecular Weight:	70 kDa
Gene ID:	1047
NCBI Accession:	NM_004362 , NP_004353
UniProt:	O14967

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 610 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-CLGN Antibody Titration:
2.5ug/ml Positive Control: HepG2 cell lysate