

Calmegin Polyclonal Antibody

Catalog number: 12629-1-AP

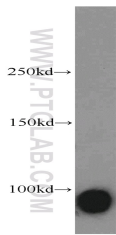
Size: 22 µg/150 µl

Source: Rabbit

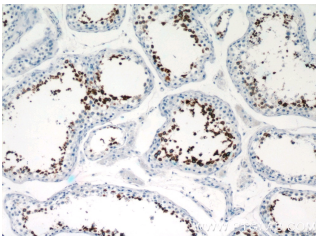
Isotype: IgG

Synonyms:

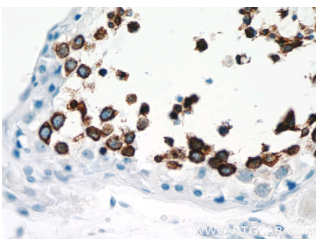
CLGN; calmegin, CLGN



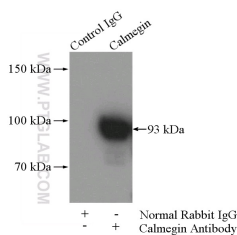
mouse testis tissue were subjected to SDS PAGE followed by western blot with 12629-1-AP (CLGN antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human testis tissue slide using 12629-1-AP (CLGN Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human testis tissue slide using 12629-1-AP (CLGN Antibody) at dilution of 1:50 (under 40x lens)



IP Result of anti-CLGN

(IP:12629-1-AP, 4µg;

Detection:12629-1-AP 1:1000)

with mouse testis tissue lysate

Background

Calmegin, belonging to the calreticulin family, is a testis-specific molecular chaperon of the endoplasmic reticulum playing a key role in spermatogenesis. Western blot analysis of mouse testis showed a single band with an apparent molecular mass of 93 kDa.

Applications

Tested applications:	ELISA, WB, IHC, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated Calmegin MW:	610aa, 70 kDa
Observed Calmegin MW:	93 kDa
Positive WB detected in	Mouse testis tissue, human brain tissue, human lung tissue, mouse brain tissue, mouse lung tissue
Positive IP detected in	Mouse testis tissue
Positive IHC detected in	Human testis tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3322
GenBank accession number:	BC028357
Gene ID (NCBI):	1047
Full name:	Calmegin

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

4000ug.