

CLGN Antibody

Catalog No: #48452



Package Size: #48452-1 50ul #48452-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	CLGN Antibody
Host Species	Mouse
Clone No.	G10-C8
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	Calmegin CLGN
Accession No.	Swiss-Prot#:O14967
Calculated MW	70 kDa
Formulation	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1000

IHC: 1:100-1:200

ICC: 1:50-1:200

FC: 1:100-1:200

Background

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.

References

1. Yu-Ching Lin Z et al. Gene expression ontogeny of spermatogenesis in the marmoset uncovers primate characteristics during testicular development. Dev Biol 400(1):43-58 (2015).
2. Ikawa M et al. Calmegin is required for fertilin alpha/beta heterodimerization and sperm fertility. Dev Biol 240(1):254-61 (2001).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.