

For Research Use Only

CLIC3 Recombinant antibody

Catalog Number: 84759-4-RR



Basic Information

Catalog Number: 84759-4-RR	GenBank Accession Number: BC007012	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9022	CloneNo.: 242326H7
Source: Rabbit	UNIPROT ID: O95833	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:50-1:500
Isotype: IgG	Full Name: chloride intracellular channel 3	
Immunogen Catalog Number: AG8757	Calculated MW: 236 aa, 26 kDa	
	Observed MW: 27-32 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : JAR cells, HeLa cells
Species Specificity: human	IF/ICC : A431 cells,

Background Information

Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume (PMID: 9880541). CLIC3 (chloride intracellular channel protein 3) belongs to the chloride channel CLIC family which has seven members based on sequence homology to the p64 chloride channels of bovine kidney microsomes. CLIC proteins lack the membrane-spanning domains characteristic of channel proteins and are largely intracellular. CLIC3 is predominantly localized in the nucleus and has a high expression level in placenta (PMID: 9880541; 17027078). It associates with the C-terminal of ERK7 and may participate in cellular growth control.

Storage

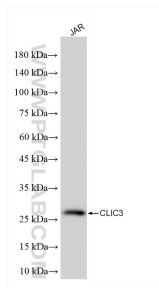
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

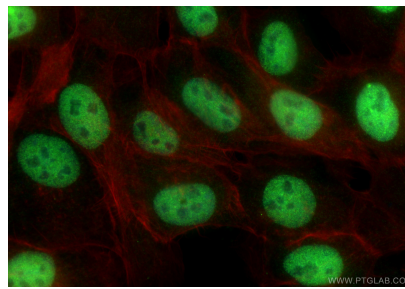
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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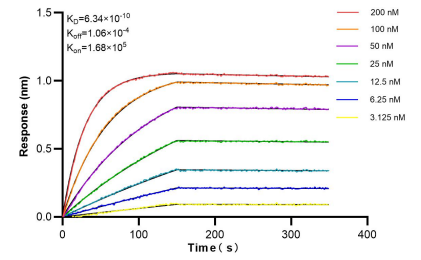
Selected Validation Data



JAR cells were subjected to SDS PAGE followed by western blot with 84759-4-RR (CLIC3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CLIC3 antibody (84759-4-RR, Clone: 242326H7) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Bi-layer interferometry (BLI) kinetic assays of 84759-4-RR against Human CLIC3 were performed. The affinity constant is 0.634 nM.