

For Research Use Only

CLIC3 Recombinant antibody, PBS Only

Catalog Number: 84759-4-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84759-4-PBS	BC007012	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
1 mg/ml	9022	242326H7
Source:	UNIPROT ID:	
Rabbit	O95833	
Isotype:	Full Name:	
IgG	chloride intracellular channel 3	
Immunogen Catalog Number:	Calculated MW:	
AG8757	236 aa, 26 kDa	
	Observed MW:	
	27-32 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

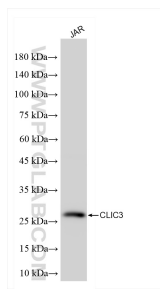
T: 4006900926

E: Proteintech-CN@ptglab.com

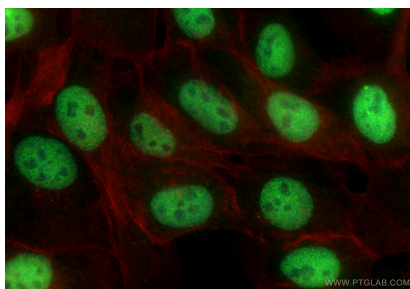
W: ptgcn.com

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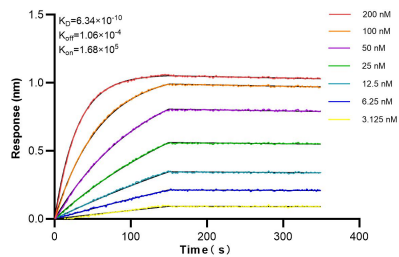
Selected Validation Data



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. This data was developed using the same antibody clone with 84759-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84759-4-PBS in a different storage buffer formulation.



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