

For Research Use Only

MCOLN1 Recombinant antibody, PBS Only

Catalog Number: 85339-1-PBS



Basic Information

Catalog Number: 85339-1-PBS	GenBank Accession Number: BC005149	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57192	CloneNo.: 242586D4
Source: Rabbit	UNIPROT ID: Q9GZU1	
Isotype: IgG	Full Name: mucolipin 1	
Immunogen Catalog Number: AG7493	Calculated MW: 65 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, rat

Background Information

MCOLN1, also named MLIV, ML4, MG-2, and Mucolipidin, belongs to the transient receptor (TC 1.A.4) family, Polycystin subfamily, and MCOLN1 sub-subfamily. It is playing a role in the endocytic pathway and in the control of membrane trafficking of proteins and lipids. MCOLN1 may play a major role in Ca^{2+} transport regulating lysosomal exocytosis. It is an autosomal recessive lysosomal storage disorder characterized by severe psychomotor retardation and ophthalmologic abnormalities, including corneal opacity, retinal degeneration, and strabismus.

Storage

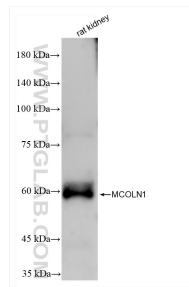
Storage:
Store at $-80^{\circ}C$.

Storage Buffer:
PBS Only

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



rat kidney tissue were subjected to SDS PAGE followed by western blot with 85339-1-RR (MCOLN1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85339-1-PBS in a different storage buffer formulation.