

For Research Use Only

MCOLN1 Recombinant antibody

Catalog Number: 85339-1-RR



Basic Information

Catalog Number: 85339-1-RR	GenBank Accession Number: BC005149	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 57192	CloneNo.: 242586D4
Source: Rabbit	UNIPROT ID: Q9GZU1	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG	Full Name: mucolipin 1	
Immunogen Catalog Number: AG7493	Calculated MW: 65 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat kidney tissue,
Species Specificity: human, rat	

Background Information

MCOLN1, also named MLIV, ML4, MG-2, and Mucolipidin, belongs to the transient receptor (TC 1A.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 Ca²⁺ 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 -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

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

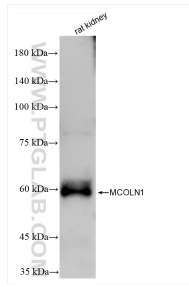
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Selected Validation Data



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.