

For Research Use Only

MCOLN1 Recombinant antibody, PBS Only

Catalog Number: 85339-1-PBS



Basic Information

Catalog Number:

85339-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7493

GenBank Accession Number:

BC005149

GeneID (NCBI):

57192

UNIPROT ID:

Q9GZU1

Full Name:

mucolipin 1

Calculated MW:

65 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

242586D4

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°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:

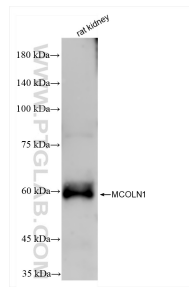
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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.