

Abbexa

Cat# abx027461



Mucolipin 1 (MCOLN1) Antibody

info@gentaur.com

[Order Online](#)

This gene encodes a member of the transient receptor potential (TRP) cation channel gene family. The transmembrane protein localizes to intracellular vesicular membranes including lysosomes, and functions in the late endocytic pathway and in the regulation of lysosomal exocytosis. The channel is permeable to Ca (2+), Fe (2+), Na (+), K (+), and H (+), and is modulated by changes in Ca (2+) concentration. Mutations in this gene result in mucopolipidosis type IV.

Target: MCOLN1

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 531-560 amino acids from the C-terminal region of human MCOLN1.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein A column, followed by peptide affinity purification.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q9GZU1 (**UniProt, ExPASy**)

UniProt Secondary AC: D6W647, Q7Z4F7, Q9H292, Q9H4B3, Q9H4B5

UniProt Entry Name: MCLN1_HUMAN

Gene Symbol: MCOLN1

String: [9606.ENSP00000264079](https://www.uniprot.org/uniprot/Q9GZU1)

Molecular Weight: Calculated MW: 65 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Mouse and Monkey MCOLN1.

Availability: Shipped within 5-10 working days.

Note: This product is for research use only.