

MCOLN2 Rabbit pAb

Catalog No.: A18560

Basic Information

Observed MW

75kDa

Calculated MW

66kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Rat

Background

Mucolipins constitute a family of cation channel proteins with homology to the transient receptor potential superfamily. In mammals, the mucolipin family includes 3 members, MCOLN1 (MIM 605248), MCOLN2, and MCOLN3 (MIM 607400), that exhibit a common 6-membrane-spanning topology. Homologs of mammalian mucolipins exist in *Drosophila* and *C. elegans*. Mutations in the human MCOLN1 gene cause mucopolipidosis IV (MIM 262650) (Karacsonyi et al., 2007 [PubMed 17662026]).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

255231

Swiss Prot

Q8IZK6

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 90-275 of human MCOLN2 (NP_694991.2).

Synonyms

TRPML2; TRP-ML2; MCOLN2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

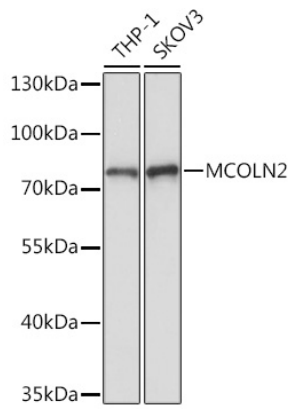
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using MCOLN2 Rabbit pAb (A18560) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.