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Rabbit Anti-mucolipin 2 antibody

SL18730R

Product Name:	mucolipin 2
Chinese Name:	粘Lipoprotein2抗体
Alias:	Mcoln2; 3300002C04Rik ; AI549968 ; FLJ36691 ; MCOLN2 ; mucolipin 2 ; TRP ML2 ; TRPML2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	66kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human mucolipin 2:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 mucolipodosis IV (MIM 262650) (Karacsonyi et al., 2007 [PubMed

17662026]).[supplied by OMIM, Sep 2009]

Function:
Mucolipins constitute a family of cation channel proteins with homologs in mouse, Drosophila, and C. elegans. Mutations in the human MCOLN1 gene cause mucolipodosis IV.

Subcellular Location:
Membrane; Multi-pass membrane protein.

SWISS:
Q8IZK6

Gene ID:
255231

Database links:

Entrez Gene: 255231 Human

SwissProt: Q8IZK6 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.