



Anti-MCOLN3 polyclonal antibody (CPBT-40391RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human MCOLN3.
Antigen Description	Mucolipins constitute a family of cation channel proteins with homologs in mouse, Drosophila, and C. elegans. Mutations in the human MCOLN1 gene (MIM 605248) cause mucolipodosis IV (MIM 262650).
Immunogen	A synthetic peptide as a part of human Mucolipin 3 conjugated to immunogenic carrier protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	ICC/IF, WB, IHC-P, IHC-Fr
Sequence Similarities	Belongs to the transient receptor (TC 1.A.4) family. Polycystin subfamily. MCOLN3 sub-subfamily.
Cellular Localization	Membrane.
Format	Liquid
Size	100 µl
Buffer	Preservative: None Constituents: PBS, Whole serum

Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C (add glycerol to a final volume of 40% for extra stability). Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	MCOLN3 mucolipin 3 [Homo sapiens]
Official Symbol	MCOLN3
Synonyms	MCOLN3; mucolipin 3; mucolipin-3; FLJ11006; TRP ML3; TRPML3; MCOLN 3; MCOLN3; TRPML3; TRP ML3; FLJ11006; FLJ36629; MCLN3_HUMAN; MGC71509; Mucolipin-3; TRP-ML3;
Entrez Gene ID	55283
Protein Refseq	NP_060768
UniProt ID	Q8TDD5
Chromosome Location	1p22.3
Function	ion channel activity;