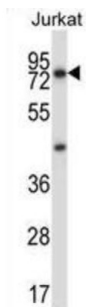
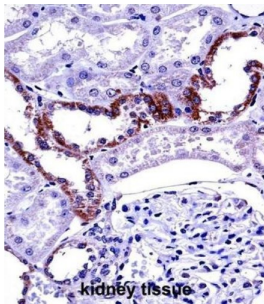


## Mucolipin 1 (MCOLN1) Antibody

Catalogue No.: abx027461



WB analysis of Jurkat cell line lysates.



IHC-P analysis of human kidney tissue, with DAB staining.

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<sup>2+</sup>, Fe<sup>2+</sup>, Na<sup>+</sup>, K<sup>+</sup>, and H<sup>+</sup>, and is modulated by changes in Ca<sup>2+</sup> concentration. Mutations in this gene result in mucopolidosis type IV.

**Target:** Mucolipin 1 (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

# Datasheet

Version: 2.0.0  
Revision date: 03 Jul 2025



<b>Form:</b>	Liquid
<b>Purification:</b>	Purified through a protein A column, followed by peptide affinity purification.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q9GZU1 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	MCOLN1
<b>String:</b>	<a href="#">9606.ENSP00000264079</a>
<b>Molecular Weight:</b>	Calculated MW: 65 kDa
<b>Buffer:</b>	PBS containing 0.09% sodium azide.
<b>Specificity:</b>	Predicted to react with Mouse and Monkey MCOLN1.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only