

Rabbit MCOLN1 Polyclonal Antibody | anti-MCOLN1 antibody

MCOLN1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197957	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

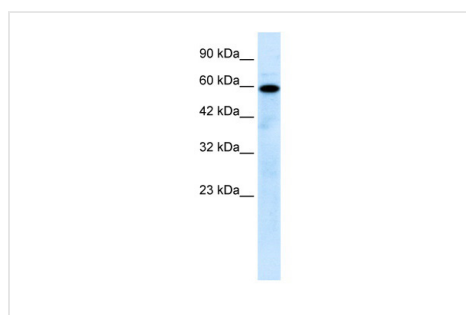
PRODUCT SYNONYMS

MCOLN1; Polyclonal Antibody; MCOLN1 antibody - N-terminal region; anti-MCOLN1 antibody

PRODUCT SPECIFICATIONS

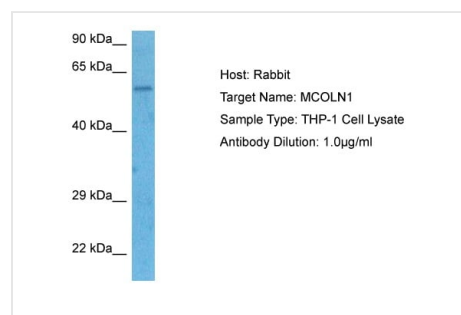
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FR HLFLGYS DG ADDTFAAYTR EQLYQAIFHA VDQYLALPDV SLGRYAYV
Sequence Length	580
Applicable Applications for anti-MCOLN1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MCOLN1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



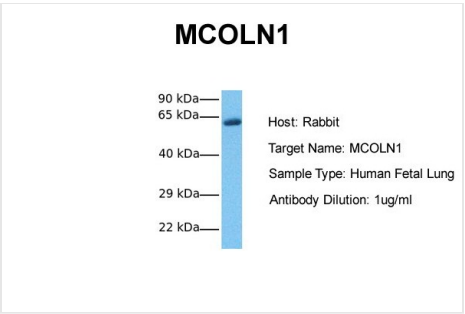
WB (Western Blot)

WB Suggested Anti-MCOLN1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate



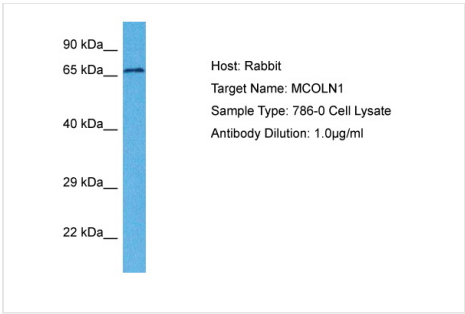
WB (Western Blot)

Host: Rabbit
Target Name: MCOLN1
Sample Tissue: Human THP-1 Whole Cell
Antibody Dilution: 1ug/ml



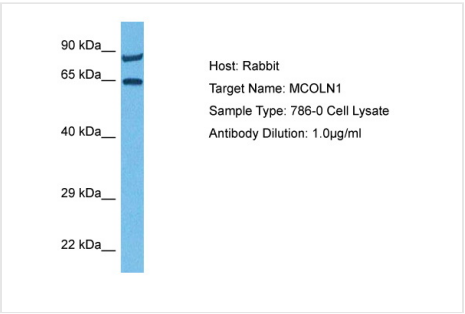
WB (Western Blot)

Host: RabbitTarget Name: MCOLN1Sample Tissue: Human Fetal LungAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: MCOLN1Sample Tissue: Human 786-0 Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)

Host: RabbitTarget Name: MCOLN1Sample Tissue: Human 786-0 Whole CellAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-MCOLN1 antibody	This is a rabbit polyclonal antibody against MCOLN1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MCOLN1 encodes a protein that may be involved in calcium signaling and membrane trafficking in mucopolipidosis IV.
Product Categories/Family for anti-MCOLN1 antibody	Polyclonal; Ion Channel; Membrane Protein; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092597
NCBI GeneID	57192
NCBI Accession #	NP_065394
NCBI GenBank Nucleotide #	NM_020533
UniProt Accession #	Q9GZU1
Molecular Weight	64kDa
NCBI Official Full Name	mucolipin-1
NCBI Official Synonym Full Names	mucolipin 1
NCBI Official Symbol	MCOLN1
NCBI Official Synonym Symbols	ML1; ML4; MG-2; MLIV; MST080; TRPML1; MSTP080; TRP-ML1; TRPM-L1
NCBI Protein Information	mucolipin-1
UniProt Protein Name	Mucolipin-1

UniProt Gene Name	MCOLN1
UniProt Synonym Gene Names	ML4; ML1; TRPML11 PublicationManual assertion based on opinion iniRef.28

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mcoln1-antibody-western-blot-elisa/197957>