antibodies .- online.com







anti-MCOLN1 antibody (N-Term)



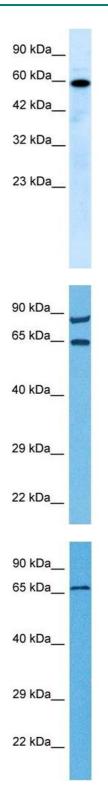


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Quantity:	100 μL
Target:	MCOLN1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Pig, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCOLN1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human
	MCOLN1
Sequence:	FRHLFLLGYS DGADDTFAAY TREQLYQAIF HAVDQYLALP DVSLGRYAYV
Sequence: Predicted Reactivity:	
	FRHLFLLGYS DGADDTFAAY TREQLYQAIF HAVDQYLALP DVSLGRYAYV Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%,
Predicted Reactivity:	FRHLFLLGYS DGADDTFAAY TREQLYQAIF HAVDQYLALP DVSLGRYAYV Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 93% This is a rabbit polyclonal antibody against MCOLN1. It was validated on Western Blot using a
Predicted Reactivity: Characteristics:	FRHLFLLGYS DGADDTFAAY TREQLYQAIF HAVDQYLALP DVSLGRYAYV Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 93% This is a rabbit polyclonal antibody against MCOLN1. It was validated on Western Blot using a cell lysate as a positive control.

Target Details

Alternative Name:	MCOLN1 (MCOLN1 Products)
Background:	MCOLN1 encodes a protein that may be involved in calcium signaling and membrane
	trafficking in mucolipidosis IV.
	Alias Symbols: ML4, MG-2, MLIV, MST080, TRPML1, MSTP080, TRP-ML1, TRPM-L1
	Protein Interaction Partner: TRIM27, SLC35E1,
	Protein Size: 580
Molecular Weight:	64 kDa
Gene ID:	57192
NCBI Accession:	NM_020533, NP_065394
UniProt:	Q9GZU1
Pathways:	Transition Metal Ion Homeostasis
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 580 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in sma
	aliquots to prevent freeze-thaw cycles.



Western Blotting

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

Western Blotting

Image 2. Host: Rabbit Target Name: MCOLN1 Sample Tissue: Human 786-0 Whole Cell Antibody Dilution: 1ug/ml

Western Blotting

Image 3. Host: Rabbit Target Name: MCOLN1 Sample Tissue: Human 786-0 Whole Cell Antibody Dilution: 1ug/ml

Please check the product details page for more images. Overall 4 images are available for ABIN2776233.