

Datasheet for ABIN2776223
anti-Mucolipin 3 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Mucolipin 3 (Mcoln3)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Dog, Horse, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Mucolipin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MCOLN3
Sequence:	TVELQFKLKA INLQTVRHQE LPDCYDFTLT ITFDNKAHSG RIKISLDNDI
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 91%
Characteristics:	This is a rabbit polyclonal antibody against MCOLN3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Mucolipin 3 (Mcoln3)
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Target Details

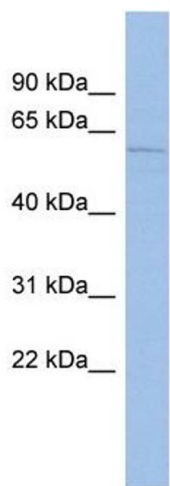
Alternative Name:	MCOLN3 (Mcoln3 Products)
Background:	<p>The specific function of this protein remains unknown. Mucolipins constitute a family of cation channel proteins with homologs in mouse, Drosophila, and C. elegans. Mutations in the human MCOLN1 gene (MIM 605248) cause mucopolidosis IV (MIM 262650). [supplied by OMIM].</p> <p>Alias Symbols: FLJ11006, FLJ36629, MGC71509, TRP-ML3, TRPML3</p> <p>Protein Interaction Partner: SRPK2, UBC,</p> <p>Protein Size: 553</p>
Molecular Weight:	64 kDa
Gene ID:	55283
NCBI Accession:	NM_018298 , NP_060768
UniProt:	Q8TDD5
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 553 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 small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-MCOLN3 Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: PANC1
cell lysate