

Datasheet for ABIN7043336

anti-MCOLN1 antibody (Cytoplasmic Domain, Intracellular)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µL
Target:	MCOLN1
Binding Specificity:	AA 6-19, Cytoplasmic Domain, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCOLN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)GRRASETERLLTPN, corresponding to amino acid residues 6-19 of mouse TRPLM1
Isotype:	IgG
Characteristics:	Anti-TRPML1 (Mucolipin 1) Antibody is directed against an epitope of mouse TRPML1. Anti-TRPML1 (Mucolipin 1) Antibody (ABIN7043336, ABIN7044039 and ABIN7044040)) can be used in western blot analysis. It has been designed to recognize TRPML1 from human, rat and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

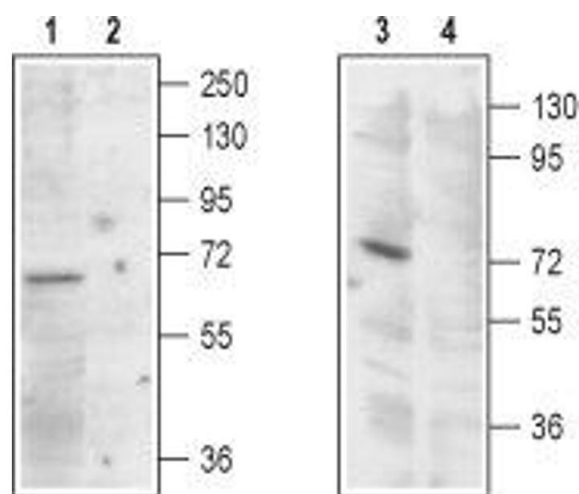
Target:	MCOLN1
Alternative Name:	TRPML1 (Mucolipin 1) (MCOLN1 Products)
Background:	Alternative names: TRPML1 (Mucolipin 1), Mcoln1, Mucolipidin
Gene ID:	94178
NCBI Accession:	NM_020533
UniProt:	Q99J21
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of rat kidney (lanes 1 and 2) and HEK-293 cells (lanes 3 and 4) lysates: - 1,3. Anti-TRPML1 (Mucolipin 1) Antibody (ABIN7043336, ABIN7044039 and ABIN7044040), (1:200).2,4. Anti-TRPML1 (Mucolipin 1) Antibody, preincubated with TRPML1/Mucolipin 1 Blocking Peptide (#BLP-CC081).