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Datasheet for ABIN6243383 anti-CLCN1 antibody (AA 32-66)

2 Images



Overview

Quantity:	200 µL
Target:	CLCN1
Binding Specificity:	AA 32-66
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLCN1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This CLCN1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 32-66 amino acids from the human region of human CLCN1.
Clone:	RB57514
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

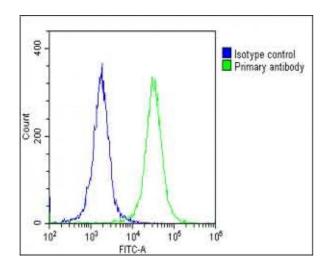
Target Details

Target:	CLCN1
Alternative Name:	CLCN1 (CLCN1 Products)
Background:	Voltage-gated chloride channel. Chloride channels have several functions including the

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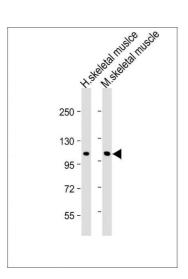
Target Details	
	regulation of cell volume, membrane potential stabilization, signal transduction and transepithelial transport.
Molecular Weight:	108626
UniProt:	P35523
Application Details	
Application Notes:	WB: 1:2000. FC: 1:25
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Expiry Date:	6 months

Images



Flow Cytometry

Image 1. Overlay histogram showing Hela cells stained with (ABIN6243383 and ABIN6578856)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6243383 and ABIN6578856), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 μ



g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

Western Blotting

Image 2. All lanes : Anti-CLCN1 Antibody (N-Term) at 1:2000 dilution Lane 1: Human skeletal musice lysate Lane 2: Mouse skeletal muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 109 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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