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Datasheet for ABIN570824 anti-SLC12A2 antibody (Internal Region)

2 Images



Overview

Quantity:	100 µg
Target:	SLC12A2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SLC12A2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

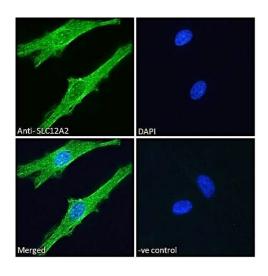
Purpose:	SLC12A2
Immunogen:	Peptide with sequence C-NALQHSIRLSGVEDH, from the internal region of the protein sequence according to NP_001037.1.
Sequence:	NALQHSIRLS GVEDH
Isotype:	lgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

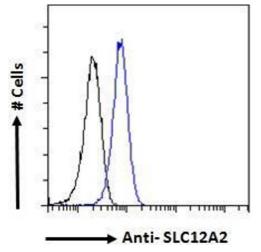
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Target Details	
Target:	SLC12A2
Alternative Name:	SLC12A2 (SLC12A2 Products)
Background:	SLC12A2, solute carrier family 12 (sodium/potassium/chloride transporters), member 2, BSC, BSC2, MGC104233, NKCC1, basolateral Na-K-Cl symporter, bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1
Molecular Weight:	75kDa
Gene ID:	6558, 20496, 83629
NCBI Accession:	NP_001037, NP_001243390
Pathways:	Sensory Perception of Sound
Application Details	
Application Notes:	Immunohistochemistry: In paraffin embedded Human Colon shows membranous staining. Recommended concentration: 3.75 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm/ vesicles of HeLa cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration:
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

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Images





Immunofluorescence

Image 1. ABIN570824 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic/vesicle and membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Flow Cytometry

Image 2. ABIN570824 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

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