

Datasheet for ABIN1704480

anti-SLC29A1 antibody (AA 201-300) (Cy5)



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Overview

Quantity:	100 µL
Target:	SLC29A1
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC29A1 antibody is conjugated to Cy5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ENT1/SLC29A1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	SLC29A1
Alternative Name:	ENT1/SLC29A1 (SLC29A1 Products)

Target Details

Background:	Synonyms: Equilibrative NBMPR-sensitive nucleoside transporter, equilibrative nitrobenzylmercaptapurine riboside NBMPR-sensitive nucleoside transporter, Equilibrative nitrobenzylmercaptapurine riboside-sensitive nucleoside transporter, Equilibrative nucleoside transporter 1, es-type, MGC1465, MGC3778, Nucleoside transporter, Nucleoside transporter, es-type, OTTHUMP00000016506, OTTHUMP00000016507, OTTHUMP00000016508, OTTHUMP00000016509, OTTHUMP00000016510, OTTHUMP00000016511, OTTHUMP00000016512, S29A1_HUMAN, SLC29A1, solute carrier family 29 nucleoside transporters, member 1, Solute carrier family 29 member 1. Background: Equilibrative nucleoside transporters (ENTs) regulate many physiological processes and are widely distributed in mammals, plants, yeasts, insects, nematodes and protozoans. They enable facilitated diffusion of hydrophilic nucleosides, such as adenosine and nucleoside analogs, across cell membranes. ENTs are required for uptake of antiviral and anticancer nucleoside drugs and influence a variety of physiological processes, such as neurotransmission and platelet aggregation, by regulating the amount of adenoside available to cell surface receptors. Equilibrative nucleoside transporter 1 (ENT1), also designated solute carrier family 29 (nucleoside transporters), member 1, belongs to the SLC29A transporter family and is a mammalian ENT isoform. ENT1, along with ENT3, mediates the majority of influx and efflux of nucleosides across the plasma membrane.
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Gene ID:	2030
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Pathways:	Carbohydrate Homeostasis , Synaptic Membrane
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months