

Datasheet for ABIN6992115
anti-SLC29A1 antibody (AA 240-290)



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Overview

Quantity:	0.1 mg
Target:	SLC29A1
Binding Specificity:	AA 240-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC29A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	SLC29A1 antibody was raised against a 17 amino acid peptide near the center of human SLC29A1. The immunogen is located within amino acids 240 - 290 of SLC29A1.
Isotype:	IgG
Specificity:	SLC29A1 antibody is human specific. SLC29A1 antibody is predicted to not cross-react with other SLC29 proteins.
Purification:	SLC29A1 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SLC29A1
Alternative Name:	SLC29A1 (SLC29A1 Products)

Target Details

Background:	SLC29A1 is a member of the equilibrative nucleoside transporter family which plays a key role in nucleoside and nucleobase uptake for salvage pathways of nucleotide synthesis (1,2). SLC29A1 is a transmembrane glycoprotein that localizes to the plasma and mitochondrial membranes and mediates the cellular uptake of nucleosides from the surrounding medium (3). As a nucleoside transporter, SLC29A1 plays an important role in the uptake of nucleoside-based anti-cancer drugs, polymorphisms of point mutations in the gene encoding this protein may affect the efficacy of these drugs (4).
Molecular Weight:	Predicted: 50 kDa Observed: 53 kDa
Gene ID:	2030
NCBI Accession:	NP_004946
UniProt:	Q99808
Pathways:	Carbohydrate Homeostasis , Synaptic Membrane

Application Details

Application Notes:	SLC29A1 antibody can be used for detection of SLC29A1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SLC29A1 antibody is supplied in PBS containing 0.02 % 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.

Handling

Storage:	-20 °C,4 °C
Storage Comment:	SLC29A1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.