# .-online.com antibodies

# Datasheet for ABIN7256716 anti-SLC29A1 antibody

2 Images



#### Overview

Quantity:	200 μL
Target:	SLC29A1
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC29A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

### Product Details

Immunogen:	A synthetic peptide of human SLC29A1 (NP_001071645.1).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

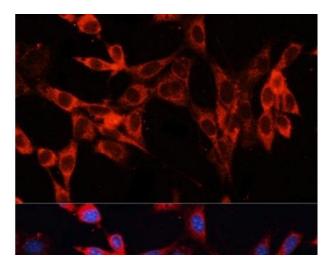
## Target Details

Target:	SLC29A1
Alternative Name:	SLC29A1 (SLC29A1 Products)
Background:	This gene is a member of the equilibrative nucleoside transporter family. The gene encodes a transmembrane glycoprotein that localizes to the plasma and mitochondrial membranes and
	mediates the cellular uptake of nucleosides from the surrounding medium. The protein is
	categorized as an equilibrative (as opposed to concentrative) transporter that is sensitive to

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7256716 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

## Target Details

	inhibition by nitrobenzylthioinosine (NBMPR). Nucleoside transporters are required for nucleotide synthesis in cells that lack de novo nucleoside synthesis pathways, and are also necessary for the uptake of cytotoxic nucleosides used for cancer and viral chemotherapies.
	Multiple alternatively spliced variants, encoding the same protein, have been found for this gene.
Molecular Weight:	Observed_MW: 55 kDa
	Calculated_MW: 50 kDa/58 kDa
Gene ID:	2030
UniProt:	Q99808
Pathways:	Carbohydrate Homeostasis, Synaptic Membrane
Application Details	
Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



# Pat<sup>WrQ</sup> 130kDa — 100kDa — 70kDa — 55kDa — 40kDa — 35kDa — 25kDa —

#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of NIH/3T3 cells using SLC29A1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

#### Western Blotting

**Image 2.** Western blot analysis of extracts of Rat lung using SLC29A1 Polyclonal Antibody at dilution of 1:3000.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7256716 | 09/09/2023 | Copyright antibodies-online. All rights reserved.