

SLC29A1 rabbit monoclonal antibody

Catalog # H00002030-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC29A1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC29A1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SLC29A1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SLC29A1

Entrez GeneID [2030](#)

GeneBank Accession# [SLC29A1](#)

Gene Name SLC29A1

Gene Alias ENT1, MGC1465, MGC3778

Gene Description solute carrier family 29 (nucleoside transporters), member 1

Omim ID [602193](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 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. [provided by RefSeq]

Other Designations

OTTHUMP00000016506|OTTHUMP00000016507|OTTHUMP00000016508|OTTHUMP00000016509|OTTHUMP00000016510|OTTHUMP00000016511|OTTHUMP00000016512|equilibrative nitrobenzylmercaptopurine riboside (NBMPR)-sensitive nucleoside transporter|equilibrative nucleoside transpo

Disease

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