

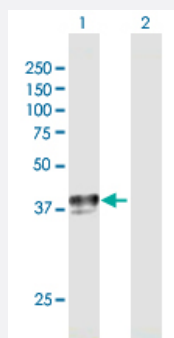
MaxPab®

SLC29A1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002030-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SLC29A1 expression in transfected 293T cell line ([H00002030-T01](#)) by SLC29A1 MaxPab polyclonal antibody.

Lane 1: SLC29A1 transfected lysate(50.16 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SLC29A1 protein.
Immunogen	SLC29A1 (NP_004946.1, 1 a.a. ~ 456 a.a) full-length human protein.
Sequence	MTTSHQPQDRYKAVWLIFFMLGLGTLTPWNFFMTATQYFTNRDMSQNVSLVTAELSKDAQASA APAAPLPERNLSAIFNNVMTLCAMLPLLLFTYLNLSFLHQRIPQSVRILGSLVAILLVFLITAILVKVQL DALPFFVITMIKMLINSFGAILQGSFLGLAGLLPASYPIMSGQGLAGFFASVAMICAIASGSELSE SAFGYFITACAVIILTICYLGLPRLEFYRYQQKLEGPGEQETKLDLISKGEEPAGKEESGVSVSN SQPTNESHSAIKLNISVLAFSVCFITITIGMFPAVTVEVKSSIASGSTWERYFIPVSCFLTFNIFDW LGRSLTAVFMWPGKDSRWLPSLVLARLVFVPLLLLCNIKPRRYLTVVFEHDAWFIFFMAAFASN GYLASLCMCFGPKKVKPAEAETAGAIMAFFLCLGLALGAVFSFLFRAM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (78)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — SLC29A1

Entrez GeneID [2030](#)

GeneBank Accession# [NM_004955.1](#)

Protein Accession# [NP_004946.1](#)

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 nitrobenzylmercaptapurine riboside (NBMPR)-sensitive nucleoside transporter|equilibrative nucleoside transpo

Disease

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