

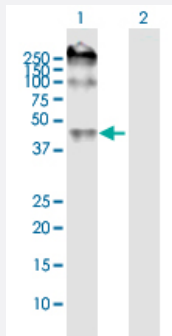
MaxPab®

SLC29A2 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00003177-B02P

Size 50 ug

Applications

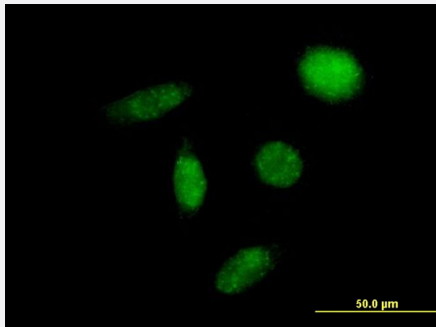


Western Blot (Transfected lysate)

Western Blot analysis of SLC29A2 expression in transfected 293T cell line ([H00003177-T02](#)) by SLC29A2 MaxPab polyclonal antibody.

Lane 1: SLC29A2 transfected lysate(50.16 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SLC29A2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SLC29A2 protein.

Immunogen

SLC29A2 (NP_001523.2, 1 a.a. ~ 456 a.a) full-length human protein.

Sequence

MARGDAPRDSYHLVGISFFILGLGTLLPWNFFITAIPYFQARLAGAGNSTARILSTNHTGPEDAFNFN
NWVTLLSQLPLLLFTLLNSFLYQCVPETVRILGSLLAILLLFALTAALVKVDMSPGPFSSITMASVCFI
NSFSAVLQGSFLGQLGTMPSTYSTLFLSGQGLAGIFAALAMLLSMASGVDAETSALGYFITPCVGIL
MSIVCYLSLPHLKFARYYLANKSSQAQAQELETKAELLQSDENGIPSSPQKVALTDLDLLEKEPES
EPDEPQKPGKPSVFTVFQKMWLTALCLVLVFTVTLVSFPAITAMVTSSTSPGKWSQFFNPICCFLL
FNIMDWLGRSLTSYFLWPDEDSRLLPLLVLCLRFLFVPLFMLCHVPQRSRLPILFPQDAYFITFMLLF
AVSNGYLVSLTMCLAPRQVLPHEREVAGALMTFFLALGLSCGASLSFLFKALL

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88)
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.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SLC29A2 expression in transfected 293T cell line ([H00003177-T02](#)) by SLC29A2 MaxPab polyclonal antibody.

Lane 1: SLC29A2 transfected lysate(50.16 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SLC29A2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — SLC29A2

Entrez GeneID	3177
GeneBank Accession#	NM_001532.2
Protein Accession#	NP_001523.2
Gene Name	SLC29A2
Gene Alias	DER12, ENT2, HNP36
Gene Description	solute carrier family 29 (nucleoside transporters), member 2
Omim ID	602110
Gene Ontology	Hyperlink

Gene Summary

The uptake of nucleosides by transporters, such as SLC29A2, is essential for nucleotide synthesis by salvage pathways in cells that lack de novo biosynthetic pathways. Nucleoside transport also plays a key role in the regulation of many physiologic processes through its effect on adenosine concentration at the cell surface (Griffiths et al., 1997 [PubMed 9396714]).[supplied by OMIM]

Other Designations

equilibrative nucleoside transporter 2|hydrophobic nucleolar protein, 36kD

Disease

- [Depressive Disorder](#)
- [Fatigue](#)
- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)