

# SLC29A4 polyclonal antibody (A01)

Catalog # H00222962-A01

Size 50 uL

## Applications

Western Blot detection against Immunogen (33.04 KDa) .

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## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant SLC29A4.
<b>Immunogen</b>	SLC29A4 (NP_694979, 283 a.a. ~ 345 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	VHHDVVAGDVHFEHPAPAPAPNESPKDSPAHEVTGSGGAYMRFDVPRPRVQRSWPTFRALLL H
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.04 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — SLC29A4

Entrez GeneID [222962](#)

GeneBank Accession# [NM\\_153247](#)

Protein Accession# [NP\\_694979](#)

Gene Name SLC29A4

Gene Alias ENT4, FLJ34923, PMAT

Gene Description solute carrier family 29 (nucleoside transporters), member 4

Omim ID [609149](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene is a member of the SLC29 family and encodes a plasma membrane protein with 11 transmembrane helices. This protein catalyzes the reuptake of monoamines into presynaptic neurons, thus determining the intensity and duration of monoamine neural signaling. It has been shown to transport several compounds, including serotonin, dopamine, and the neurotoxin 1-methyl-4-phenylpyridinium. Alternate transcriptional splice variants which encode the same protein have been characterized. [provided by RefSeq]

**Other Designations** OTTHUMP00000025415|equilibrative nucleoside transporter 4|plasma membrane monoamine transporter

## Disease

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