



# Anti-SLC29A4 (aa 283-345) polyclonal antibody (DPAB-DC975)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	SLC29A4 (NP_694979, 283 a.a. ~ 345 a.a) partial recombinant protein with GST tag. The sequence is VHHDVVAGDVHFEHPAPAPAPNESPKDSPAHEVTGSGGAYMRFDVPRPRVQRSWPTFRALLLH
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SLC29A4 solute carrier family 29 (equilibrative nucleoside transporter), member 4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SLC29A4
<b>Synonyms</b>	SLC29A4; solute carrier family 29 (equilibrative nucleoside transporter), member 4; ENT4; PMAT; equilibrative nucleoside transporter 4; hENT4; solute carrier family 29 member 4; plasma membrane monoamine transporter; solute carrier family 29 (nucleoside transporters), member 4;
<b>Entrez Gene ID</b>	<a href="#">222962</a>
<b>Protein Refseq</b>	<a href="#">NP_001035751</a>
<b>UniProt ID</b>	<a href="#">Q7RTT9</a>
<b>Chromosome Location</b>	7p22.1
<b>Pathway</b>	SLC-mediated transmembrane transport; Transport of nucleosides and free purine and pyrimidine bases across the plasma membrane;
<b>Function</b>	nucleoside transmembrane transporter activity;