



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

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

GENE INFORMATION

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