



Anti-SLC36A2 (aa 1-71) polyclonal antibody (DPAB-DC676)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a pH-dependent proton-coupled amino acid transporter that belongs to the amino acid auxin permease 1 protein family. The encoded protein primarily transports small amino acids such as glycine, alanine and proline. Mutations in this gene are associated with iminoglycinuria and hyperglycinuria.
Immunogen	SLC36A2 (NP_861441, 1 a.a. ~ 71 a.a) partial recombinant protein with GST tag. The sequence is MSVTKSTEGPQGAVAIKLDLMSPPESAKKLENKDSTFLDESPSESAGLKTKGITVFQAL IHLVKGNMGTG
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	SLC36A2 solute carrier family 36 (proton/amino acid symporter), member 2 [Homo sapiens]
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[\(human\)](#)]

Official Symbol	SLC36A2
Synonyms	SLC36A2; solute carrier family 36 (proton/amino acid symporter), member 2; PAT2; TRAMD1; proton-coupled amino acid transporter 2; tramdorin-1;
Entrez Gene ID	153201
Protein Refseq	NP_861441
UniProt ID	Q495M3
Chromosome Location	5q33.1
Pathway	Amino acid transport across the plasma membrane; SLC-mediated transmembrane transport; Transport of inorganic cations/anions and amino acids/oligopeptides.
Function	L-alanine transmembrane transporter activity; L-proline transmembrane transporter activity; glycine transmembrane transporter activity; hydrogen:amino acid symporter activity
