



Anti-SLC6A20 (aa 301-369) polyclonal antibody (DPAB-DC2356)

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

PRODUCT INFORMATION

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| Antigen Description | Transport of small hydrophilic substances across cell membranes is mediated by substrate-specific transporter proteins which have been classified into several families of related genes. The protein encoded by this gene is a member of the subgroup of transporter with unidentified substrates within the Na ⁺ and Cl ⁻ coupled transporter family. This gene is expressed in kidney, and its alternative splicing generates 2 transcript variants. |
| Immunogen | SLC6A20 (NP_064593, 301 a.a. ~ 369 a.a) partial recombinant protein with GST tag. The sequence is KATFN YENCLKKVSLLLTNTFDLEDGFLTASNLEQVKGYLASAYPSKYSEMFPQIKNCSL ESELDTAVQ |
| 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

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| Gene Name | SLC6A20 solute carrier family 6 (proline IMINO transporter), member 20 [Homo sapiens (human)] |
| Official Symbol | SLC6A20 |
| Synonyms | SLC6A20; solute carrier family 6 (proline IMINO transporter), member 20; XT3; SIT1; Xtrp3; sodium- and chloride-dependent transporter XTRP3; orphan transporter XT3; X transporter protein 3; transporter rB21A homolog; sodium/imino-acid transporter 1; neurotransmitter transporter RB21A; solute carrier family 6 (neurotransmitter transporter), member 20; |
| Entrez Gene ID | 54716 |
| Protein Refseq | NP_064593 |
| UniProt ID | Q9NP91 |
| Chromosome Location | 3p21.3 |
| Pathway | Amino acid transport across the plasma membrane; SLC-mediated transmembrane transport; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds. |
| Function | amino acid transmembrane transporter activity; neurotransmitter:sodium symporter activity; |