



# Anti-SLC1A4 polyclonal antibody (DPABT-H17705)

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

## PRODUCT INFORMATION

|                            |  |
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| <b>Product Overview</b>    | Rabbit Anti-SLC1A4 Polyclonal Antibody   |
| <b>Antigen Description</b> | SLC1A4 (ASCT1), a member of the neutral amino acid transporter family, is expressed in most tissues. Originally found in the brain, it mediates Na <sup>+</sup> -dependent exchange of small neutral amino acids such as alanine, serine, cysteine, and threonine. The SLC1A |
| <b>Target</b>              | SLC1A4   |
| <b>Isotype</b>             | IgG  |
| <b>Source/Host</b>         | Rabbit   |
| <b>Species Reactivity</b>  | N/A  |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Format</b>              | 50 uL volume of PBS containing 50% glycerol, pH 7.2. No preservative is contained.   |
| <b>Size</b>                | 50 µl  |
| <b>Preservative</b>        | None   |
| <b>Storage</b>             | 4 °C   |
| <b>Ship</b>                | -20 °C   |

## GENE INFORMATION

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| <b>Gene Name</b> | <a href="#">SLC1A4 solute carrier family2(glutamate/neutral amino acid transporter). member 4 [ Homo sapiens ]</a> |
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|----------------------------|---|
| <b>Official Symbol</b>     | SLC1A4  |
| <b>Synonyms</b>            | SLC1A4; solute carrier family2(glutamate/neutral amino acid transporter), member 4; neutral amino acid transporter A; alanine/serine/cysteine/threonine transporter; ASCT1; SATT; ASCT-1; solute carrier family2member 4; glutamate/neutral amino acid transporter; alanine/serine/cysteine/threonine transporter 1;        |
| <b>Entrez Gene ID</b>      | <a href="#">6509</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_001180422</a>  |
| <b>UniProt ID</b>          | <a href="#">P43007</a>  |
| <b>Chromosome Location</b> | 2p15-p13  |
| <b>Pathway</b>             | Amino acid transport across the plasma membrane, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of inorganic cations/anions and amino acids/oligopeptides, organism-specific biosystem; |
| <b>Function</b>            | L-alanine transmembrane transporter activity; L-cystine transmembrane transporter activity; NOT L-cystine transmembrane transporter activity; L-glutamine transmembrane transporter activity; L-hydroxyproline transmembrane transporter activity; L-proline tr   |