Anti-Human SLC32A1 Antibody [K40032_9E9]

Catalog No. K40032M09E09C

**Overview**

Product name: Anti-Human SLC32A1 Antibody [K40032_9E9]
Antibody specificity: Solute carrier family 32 member 1
Species reactivity: Human
Clonality: Monoclonal
Clone number: K40032_9E9
Host / isotype: Mouse / IgG1
Immunogen: Human SLC32A1 Peptide
Cross reactivity: Not tested
Kinetic characterization by BLI (biolayer interferometry): Not tested
Purification: Protein A purified from cell culture supernatants
Form: Liquid
Concentration: 1 mg/mL in phosphate buffered saline containing 0.09% preservative
Conjugation: Unconjugated

**Shipping, storage and shelf life**

- * 3 months when stored at 2 to 8 °C
- * 1 year when aliquoted and stored at -20 °C
- * 3 years when aliquoted and stored at -80 °C

**Applications**

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<th>Recommended concentration</th>
<th>Note</th>
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<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
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| Immunohistochemistry-paraffin (IHC-P) | 5 µg/mL  | Note:  
  * The applications above have already been verified. The antibody may be suitable for additional applications.  
  * Optimal antibody concentrations for each application should be determined by the user.  |

**Additional information**

Target antigen:  
Protein name: Solute carrier family 32 member 1  
Gene name: SLC32A1  
UniProt Accession: Q9H598  
Organism: Homo sapiens (Human)

**Product data**

**Immunohistochemistry**

IHC-P analysis of human brain tissue by anti-human SLC32A1 antibody (K40032_9E9). IHC-P was performed using sections of the formalin-fixed paraffin-embedded human brain tissue. Antigen was retrieved through addition of boiling Tris/EDTA buffer pH 9 in a pressure cooker for 3 min. Endogenous peroxidase activity was quenched by incubating the sections with 3% H₂O₂ for 30 min at room temperature. The sections were then incubated with anti-human SLC32A1 primary antibody (K40032_9E9) at 5 µg/mL at room temperature for 1 h. Poly-peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. Diaminobenzidine was used as the chromogen. The section was counterstained with hematoxylin. A tissue section incubated with phosphate-buffered saline followed by incubation with the secondary antibody was used as the background control. Result: Neuropil are positively stained.