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Datasheet for ABIN2628344  
**anti-SLC1A4 antibody (AA 495-512)**

### Overview

Quantity:	100 µg
Target:	SLC1A4
Binding Specificity:	AA 495-512
Reactivity:	Human, Horse, Monkey, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC1A4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human SLC1A4(495-512aa EAIPNCKSEEETSPLVTH), different from the related rat and mouse sequences by one amino acid.
Isotype:	IgG
Specificity:	Expressed mostly in brain, muscle, and pancreas but detected in all tissues examined.
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

### Target Details

Target:	SLC1A4
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## Target Details

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Alternative Name: SLC1A4 / ASCT1 ([SLC1A4 Products](#))

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Background: Name/Gene ID: SLC1A4  
Subfamily: Sodium:dicarboxylate symporter  
Family: Transporter  
  
Synonyms: SLC1A4, ASCT1, SATT, ASCT-1

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Gene ID: 6509

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Pathways: [Dicarboxylic Acid Transport](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Comment: Target Species of Antibody: Human

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Reconstitution: Distilled water

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Concentration: Lot specific

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Buffer: Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na<sub>2</sub> HPO<sub>4</sub>, 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.

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Preservative: Sodium azide, Thimerosal (Merthiolate)

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Precaution of Use: This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

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Storage Comment: At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid freeze-thaw cycles.

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