Datasheet for ABIN7441163
anti-SLC1A1 antibody (AA 115-209)
4 Images


## Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | SLC1A1 |
| Binding Specificity: | AA 115-209 |
| Reactivity: | Human |
| Host: | Pabbit |
| Clonality: | This SLC1A1 antibody is un-conjugated |
| Conjugate: | Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC), |
| Application: | Immunocytochemistry (ICC) |

## Product Details

| Purpose: | Polyclonal Antibody to Excitatory Amino Acid Transporter 3 (EAAT3) |
| :--- | :--- |
| Immunogen: | Recombinant Excitatory Amino Acid Transporter 3 (EAAT3) corresdonding to Ser115~Gly209 |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against EAAT3. It has been selected for its |
| ability to recognize EAAT3 in immunohistochemical staining and western blotting. |  |
| Cross-Reactivity: | Mouse, Pig, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

| Target: | SLC1A1 |
| :---: | :---: |
| Alternative Name: | Excitatory Amino Acid Transporter 3 (SLC1A1 Products) |
| Background: | SLC1A1, EAAC1, Solute Carrier 1 Member 1, Sodium-dependent glutamate/aspartate transporter 3, Excitatory amino-acid carrier 1, Neuronal and epithelial glutamate transporter |
| Pathways: | Dicarboxylic Acid Transport |
| Application Details |  |
| Application Notes: | Western blotting: $0.5-2 \mu \mathrm{~g} / \mathrm{mL}$ Immunohistochemistry: $5-20 \mu \mathrm{~g} / \mathrm{mL}$ Immunocytochemistry: 5$20 \mu \mathrm{~g} / \mathrm{mL}$ Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at $37^{\circ} \mathrm{C}$ for 48 h , and no obvious degradation and precipitation were observed. The loss rate is less than $5 \%$ within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 \% Proclin-300, 50 \% glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | $4{ }^{\circ} \mathrm{C},-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Store at $4^{\circ} \mathrm{C}$ for frequent use. Stored at $-20^{\circ} \mathrm{C}$ in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |

## Immunohistochemistry



Image 1. Detection of EAAT3 in Human Kidney Tissue using
Polyclonal Antibody to Excitatory Amino Acid Transporter 3 (EAAT3)


## Western Blotting

Image 2. Detection of EAAT3 in Rat Brain Tissue using Polyclonal Antibody to Excitatory Amino Acid Transporter 3 (EAAT3)

## Western Blotting

Image 3. Detection of Recombinant EAAT3, Human using Polyclonal Antibody to Excitatory Amino Acid Transporter 3 (EAAT3)

Please check the product details page for more images. Overall 4 images are available for ABIN7441163.

