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anti-SLC1A2 antibody (AA 101-200)





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Quantity:	100 μL
Target:	SLC1A2
Binding Specificity:	AA 101-200
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC1A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EAAT2
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SLC1A2
Alternative Name:	EAAT2 (SLC1A2 Products)
Background:	Synonyms: EAAT2, GLT-1, Excitatory amino acid transporter 2, Glutamate/aspartate transporter

II, Sodium-dependent glutamate/aspartate transporter 2, Solute carrier family 1 member 2, SLC1A2, GLT1

Background: Transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic

cleft. Acts as a symport by cotransporting sodium.

Gene ID: 6506

UniProt: P43004

Pathways: Dicarboxylic Acid Transport

Application Details

Application Notes: WB 1:300-5000

ELISA 1:500-1000

FCM 1:20-100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

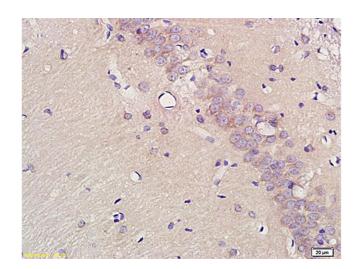
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-EAAT2, Unconjugated (ABIN733928) at 1:200, followed by conjugation to the secondary antibody and DAB staining