

## Anti-SLC1A1 antibody

<b>Cat. No.</b>	ml160281
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-SLC1A1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human SLC1A1
<b>Reactivity</b>	Human
<b>Content</b>	0.4 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	SLC1A1
<b>Full name</b>	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1
<b>Synonyms</b>	DCBXA; EAAC1; EAAT3; SCZD18
<b>Swissprot</b>	P43005

### Target Background

This gene encodes a member of the high-affinity glutamate transporters that play an essential role in transporting glutamate across plasma membranes. In brain, these transporters are crucial in terminating the postsynaptic action of the neurotransmitter glutamate, and in maintaining extracellular glutamate concentrations below neurotoxic levels. This transporter also transports aspartate, and mutations in this gene are thought to cause dicarboxylicamino aciduria, also known as glutamate-aspartate transport defect.

订购热线: 4008-898-798

**Applications**

**Western blotting**

Predicted band size:57 kDa

Positive control:TM4 cell and human placenta tissue

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

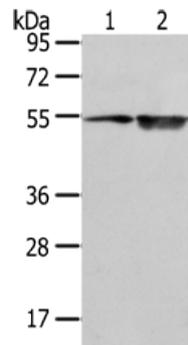
Lysate: 40 µg

Lane 1-2: TM4 cell and human placenta tissue

Primary antibody: ml160281(SLC1A1 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



**ELISA**

Recommended dilution:2000-5000

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