

订购热线: 4008-898-798

# Anti-SLC1A6 antibody

**Cat. No.** ml160282

**Package** 25 μl/100 μl/200 μl

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-SLC1A6 rabbit polyclonal antibody

Applications ELISA, WB, IHC

Immunogen Synthetic peptide of human SLC1A6

Reactivity Human, Mouse, Rat

Content0.2 mg/mlHost speciesRabbit

Ig classImmunogen-specific rabbit IgGPurificationAntigen affinity purification

**Target information** 

Symbol SLC1A6

Full name Solute carrier family 1 member 6

SynonymsEAAT4SwissprotP48664

#### **Target Background**

Excitatory amino-acid transporter 4 (EAAT4) is a protein that in humans is encoded by the SLC1A6 gene. It is a member of the high-affinity glutamate and neutral amino acid-transporter family. It transports L-glutamate and also L- and D-aspartate predominantly in the cerebellar cortex. Genetic polymorphism in the SLC1A6 gene is suggested to be referred to glutamatergic dysfunction in schizophrenia pathogenesis.



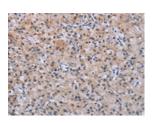
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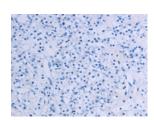
## **Applications**

## **Immunohistochemistry**

Predicted cell location: Cytoplasm Positive control: Human prostate cancer

Recommended dilution: 25-100





The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml160282(SLC1A6 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size:62 kDa Positive control:Mouse brain tissue

Recommended dilution: 500-1000

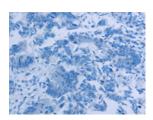
Gel: 10%SDS-PAGE

Primary antibody: ml160282(SLC1A6 Antibody) at dilution 1/600

Exposure time: 1 minute

Predicted cell location: Cytoplasm Positive control: Human colon cancer Recommended dilution: 25-100

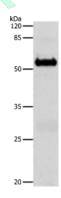




The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml160282(SLC1A6 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

Lysate: 30 µg Lane: Mouse brain tissue

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



### **ELISA**

Recommended dilution: 500-5000

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