

# SLC1A6 Polyclonal Antibody

Catalog Number:E-AB-12378

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

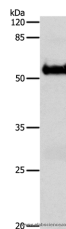
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Synthetic peptide of human SLC1A6
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

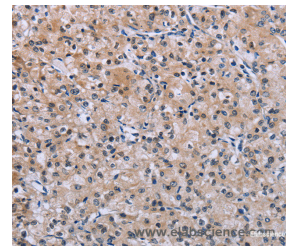
## Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:25-1:100

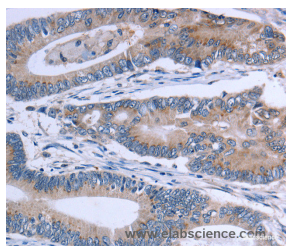
## Data



Western Blot analysis of Mouse brain tissue using SLC1A6 Polyclonal Antibody at dilution of 1:600  
**Calculated Mw:62kDa**



Immunohistochemistry of paraffin-embedded Human prostate cancer using SLC1A6 Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human colon cancer using SLC1A6 Polyclonal Antibody at dilution of 1:40

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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.

## For Research Use Only

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