

SLC1A6 Polyclonal Antibody

catalog number: E-AB-12378

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

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human SLC1A6
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

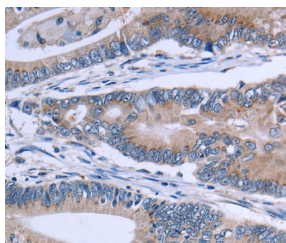
Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:25-1:100

Data

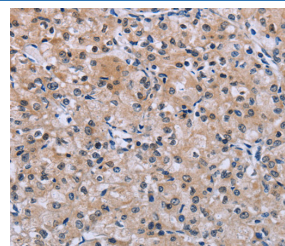


Western Blot analysis of Mouse brain tissue using SLC1A6 Polyclonal Antibody at dilution of 1:600

Calculated-MW:62 kDa



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



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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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