## SLC1A6 Antibody

Catalog No: #31188

Signalway Antibody

Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Package Size: #31188-1 50ul #31188-2 100ul

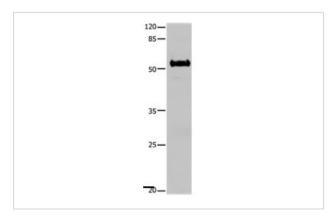
SLC1A6 Antibody
Rabbit
Polyclonal
ELISA WB
Hu Ms
The antibody detects endogenous level of total SLC1A6 protein.
Peptide-KLH
Synthetic peptide corresponding to a region derived from 205-220 amino acids of Human Solute carrier family
1 member 6
SLC1A6
Solute carrier family 1 member 6, EAAT4
Swiss-Prot:P48664Gene ID:6511;
P48664
6511;
Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Store at -20°C/1 year

## **Application Details**

Predicted MW: 62kd ELISA: 1:500-1:5000

Western blotting: 1:500-1:1000

## **Images**



Gel: 10%SDS-PAGE

Lysate: 30 µg Mouse brain tissue lysate Primary antibody: 1/600 dilution

Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at

1/5000 dilution

Exposure time: 1 minute

## 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.

Note: This product is for in vitro research use only