

SLC1A1 Antibody

Catalog No: #31187

Package Size: #31187-1 50ul #31187-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	SLC1A1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total SLC1A1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 181-195 amino acids of Human Solute carrier family 1 member 1
Target Name	SLC1A1
Other Names	Solute carrier family 1 member 1, EAAT3, EAAC1
Accession No.	Swiss-Prot:P43005Gene ID:6505;
Uniprot	P43005
GeneID	6505;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

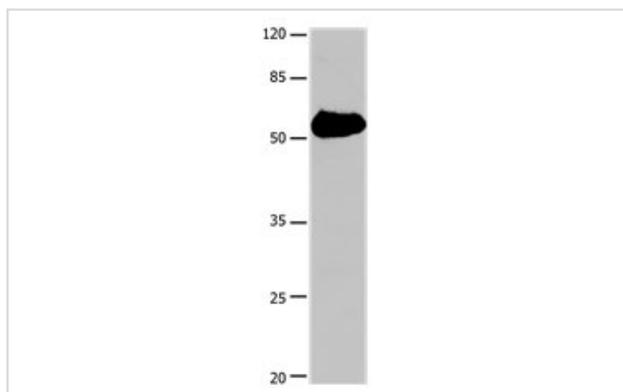
Application Details

Predicted MW: 57kd

ELISA: 1:1000-1:5000

Western blotting: 1:500-1:2000

Images



Gel: 10%SDS-PAGE

Lysate: 30 µg Human liver cancer tissue lysate

Primary antibody: 1/200 dilution

Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/5000 dilution

Exposure time: 2 minutes

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 dicarboxylic amino aciduria, also known as glutamate-aspartate transport defect.

Note: This product is for in vitro research use only