SLC1A2 Antibody

Catalog No: #36832

Orders: order@signalwayantibody.com
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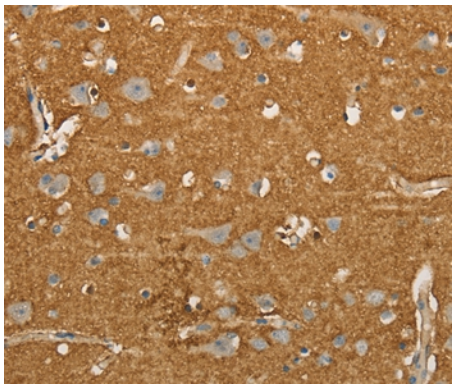
Description

Product Name	SLC1A2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total SLC1A2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human solute carrier family 1 (glial high affinity glutamate transporter), member 2
Target Name	SLC1A2
Other Names	EAAT2; GLT-1
Accession No.	Swiss-Prot#: P43004NCBI Gene ID: 6506Gene Accssion: NP_004162
Uniprot	P43004
GeneID	6506;
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

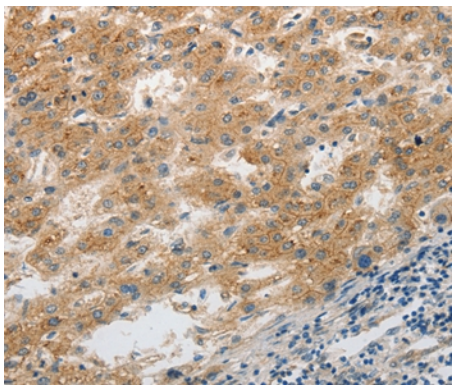
Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #36832 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36832 at dilution 1/20.

Background

This gene encodes a member of a family of solute transporter proteins. The membrane-bound protein is the principal transporter that clears the excitatory neurotransmitter glutamate from the extracellular space at synapses in the central nervous system. Glutamate clearance is necessary for proper synaptic activation and to prevent neuronal damage from excessive activation of glutamate receptors. Mutations in and decreased expression of this protein are associated with amyotrophic lateral sclerosis. Alternatively spliced transcript variants of this gene have been identified.

Note: This product is for in vitro research use only