

## SLC1A3 antibody

### Product Information

Catalog No.:	FNab03475
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

SLC1A3, also known as EAAT-1 or GLAST, is a membrane-bound protein localized in glial cells and pre-synaptic glutamatergic nerve endings. It transports the excitatory neurotransmitters L-glutamate and D-aspartate, which is essential for terminating the postsynaptic action of glutamate. Variety of bands can be observed in the western blotting assay: 50-55 kDa represents the unglycosylated GLAST1a or GLAST1b, 65-70 kDa correspond to the glycosylated proteins, larger proteins between 90-130 kDa may be the multimers of SLC1A3.

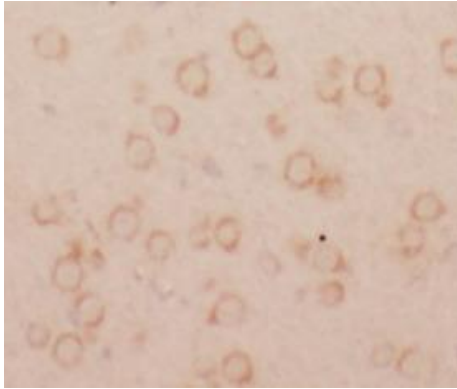
### Immunogen information

Immunogen:	Excitatory amino acid transporter 1
Synonyms:	Excitatory amino acid transporter 1 Sodium-dependent glutamate/aspartate transporter 1 (GLAST-1) Solute carrier family 1 member 3 SLC1A3 EAAT1 GLAST GLAST1
Observed MW:	50-55, 65-70 kDa, 90-100 kDa
Uniprot ID :	P43003

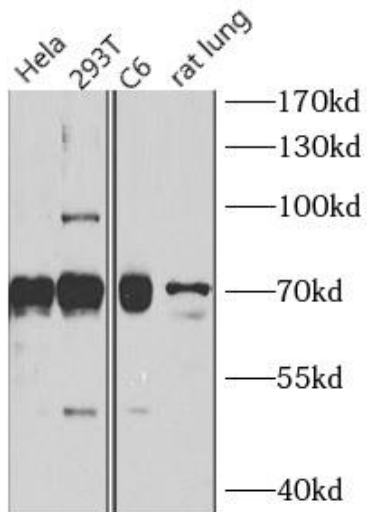
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IHC, WB
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human brain tissue slide using FNab03475 (GLAST Antibody) at dilution of 1:50



Various lysates were subjected to SDS PAGE followed by western blot with FNab03475 (GLAST Antibody) at dilution of 1:1000