

anti- GLAST 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
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:	EA6, EAAT1, GLAST, GLAST 1, GLAST1, SLC1A3
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

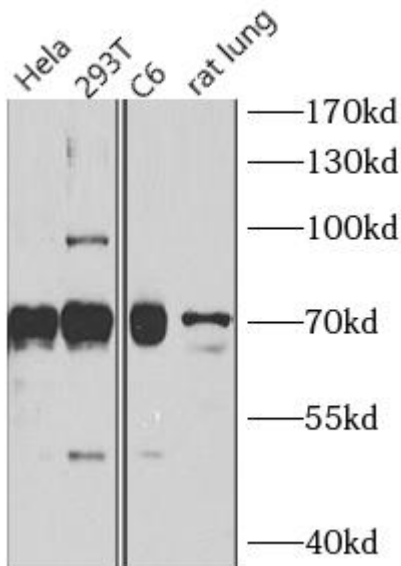
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Image:



Immunohistochemistry of paraffin-embedded human brain tissue slide using FNab03475(SLC1A3 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

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