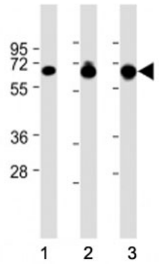
GLAST Antibody / SLC1A3 / EAAT1 (N-Terminal Region) (F54102)

Catalog No.	Formulation	Size
F54102-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54102-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P43003
Applications	WB: 1:8000
Limitations	This GLAST antibody is available for research use only.



Western blot testing of GLAST antibody at 1:8000: Lane 1) human brain, 2) mouse brain and 3) mouse cerebellum lysate. Predicted molecular weight: 55-60 kDa.

Description

Glutamate/aspartate transporter 1 (GLAST1) transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. Acts as a symport by cotransporting sodium. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the GLAST antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 127-161 from human GLAST was used as the immunogen for the GLAST antibody.

Storage

Aliquot the GLAST antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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