

Anti-EAAT1 Rabbit pAb



WL05170

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-EAAT1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:50-1:200
Cellular localization	Membrane, Multi-pass membrane protein.	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

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. The exceptionally rare expression of EAAT-1 in non-neoplastic choroid plexus (CP) compared to choroid plexus tumors (CPT) may distinguish neoplastic from normal CP. There are a number of splicing variants of SLC1A3, like GLAST1a and GLAST1b, exist due to the exon skipping.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of EAAT1.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

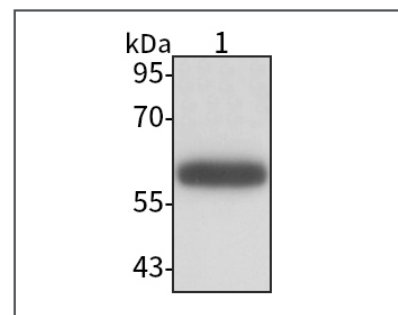
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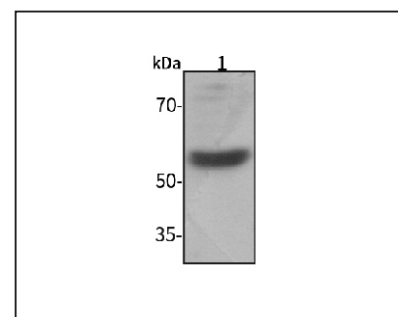
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Product Images



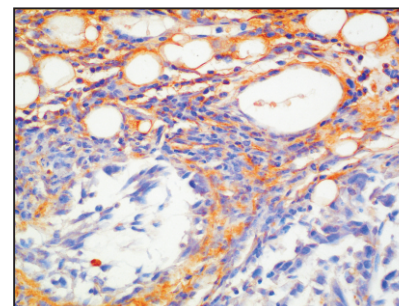
Western blot-Anti-EAAT1 pAb

Lane 1: Human U87-MG cell lysate
 All lanes: Anti-EAAT1 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 59 kDa
 Observed band size: 59 kDa



Western blot-Anti-EAAT1 pAb

Lane 1: Rat brain tissue lysate
 All lanes: Anti-EAAT1 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 59 kDa
 Observed band size: 59 kDa



Immunohistochemistry-Anti-EAAT1 pAb

Immunohistochemical analysis of paraffin-embedded human brain glioma using anti-EAAT1 Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0