Product **Datasheet**

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
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 acction of glutamate. The exceptionally rare expression of EAAT-1 in non-neoplastic choroid plexus (CP) compared to choroid plexus tumors (CPT) may distinguishes 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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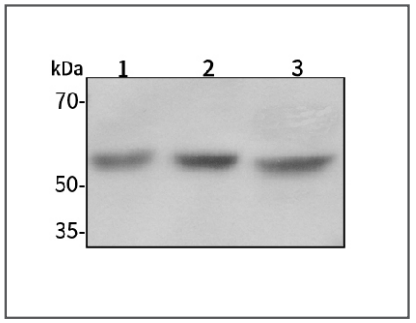
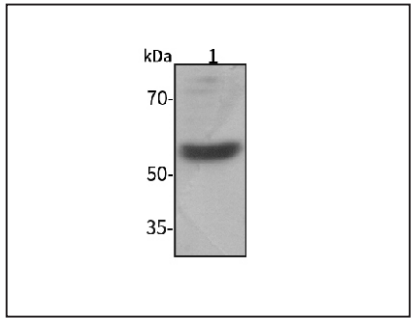
Product Images



Western blot-Anti-EAAT1 pAb

Lane 1: Human HUVEC cell lysate
Lane 2: Human SW480 cell lysate
Lane 3: Human A549 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

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