

Anti-EAAT4/SLC1A6 Antibody

Catalog Number: A08539-1

About SLC1A6

Excitatory amino acid transporter 4 (EAAT4) is a neuronal glutamate transporter responsible for the reuptake of synaptically released glutamate. The EAAT4 protein is highly enriched in Purkinje cells of the cerebellum, although it is not restricted to these cells (18770868). While the predicted molecular weight of EAAT4 is 62 kDa, considerable heterogeneity in transporter size has been reported in the brain with molecular weights ranging from 50 to 120 kDa as a result of differential glycosylation and/or phosphorylation (24056007). This antibody recognizes 60-70 kDa of EAAT4 in mouse brain and several other lysate.

Overview

Product Name	Anti-EAAT4/SLC1A6 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-EAAT4/SLC1A6 Antibody catalog # A08539-1. Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P48664

Technical Details

Immunogen	E.coli-derived human EAAT4/SLC1A6 recombinant protein (Position: T151-A268).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 ELISA, 1:100-1000

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