BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-EAAT1 SLC1A3 Rabbit Monoclonal Antibody

Catalog Number: M02133

About SLC1A3

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation.

Overview

Product Name	Anti-EAAT1 SLC1A3 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-EAAT1 SLC1A3 Rabbit Monoclonal Antibody catalog # M02133. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal ABFO-19
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P43003

Technical Details

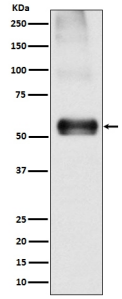
Immunogen	A synthesized peptide derived from human EAAT1
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

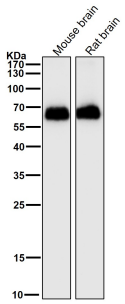
	WB 1:500-1:2000 IHC 1:50-1:200

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

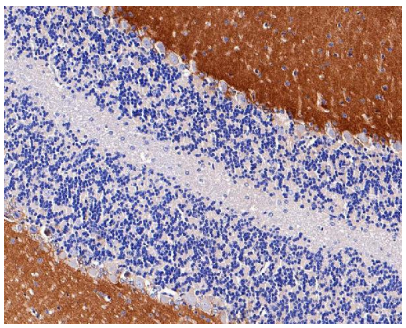
Anti-EAAT1 SLC1A3 Rabbit Monoclonal Antibody (M02133) Images



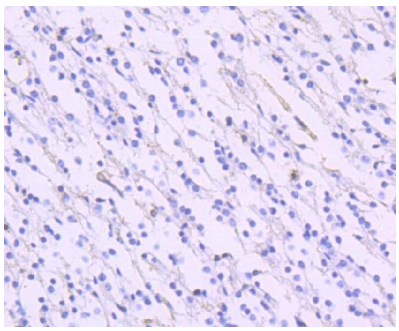
Western blot analysis of EAAT1 expression in Mouse brain lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue with Rabbit anti-EAAT1 antibody at 1/200 dilution.



Immunohistochemical analysis of paraffin-embedded human brain tissue using anti-EAAT1 antibody.
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (1/50) for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

1 Publications Citing This Product

1. PubMed ID: 25371754, Ding Y, Zhang K, Liu S, Zhang Q, Ma C, Bruce Ic, Zhang X. Exp Ther Med. 2014 Dec;8(6):1909-1913. Epub 2014 Oct 15. Tumor Necrosis Factor-?? Promotes The Expression Of Excitatory Amino-Acid Transporter 2 In Astrocytes: Optimal Concentration And Inc...

Visit bosterbio.com/anti-eaat1-rabbit-monoclonal-antibody-m02133-boster.html to see all 1 publications.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-EAAT1 SLC1A3 Rabbit Monoclonal Antibody