BOSTER BIOLOGICAL TECHNOLOGY
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Anti-EAAT1 SLC1A3 Rabbit Monoclonal Antibody

Catalog Number: M02133

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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 stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide 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	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

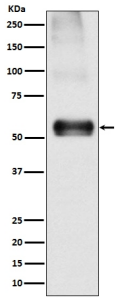
Immunogen	A synthesized peptide derived from human EAAT1
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000

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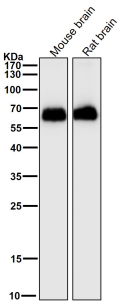
	IHC 1:50-200

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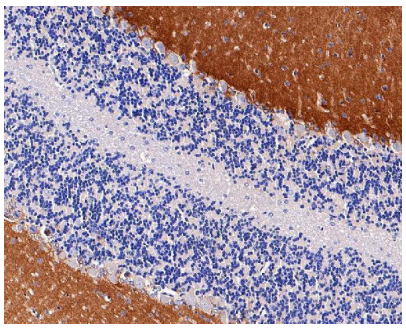
Anti-EAAT1 SLC1A3 Rabbit Monoclonal Antibody (M02133) Images



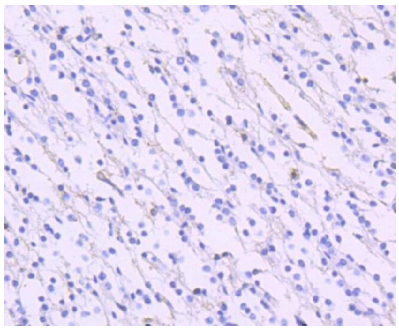
Western blot analysis of EAAT1 expression in Mouse brain lysate.



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...

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