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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-EAAC1 Antibody [S180-41]

Mouse Anti-Human EAAC1 Monoclonal IgG1
Catalog No. SMC-406



Discovery through partnership | Excellence through quality

Overview

Product Name

EAAC1 Antibody

Description

Mouse Anti-Human EAAC1 Monoclonal IgG1

Species Reactivity

Human, Rat

Applications

WB, IP

Antibody Dilution

WB (1:1000); optimal dilutions for assays should be determined by the user.

Host Species

Mouse

Immunogen Species

Human

Immunogen

Fusion protein amino acids 1-524 (full length) of human EAAC1

Concentration

1 mg/ml

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Properties

Storage Buffer

PBS pH7.4, 50% glycerol, 0.09% sodium azide

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Protein G Purified

Clonality

Monoclonal

Clone Number

S180-41

Isotype

IgG1

Specificity

Detects ~60kDa.

Cite This Product

Mouse Anti-Human EAAT3 Monoclonal, Clone S180-41 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SMC-406)

Certificate Of Analysis

5 µg of SMC-406 was sufficient for immunoprecipitation of EAAC1 from 50 µg of rat brain lysate.

Biological Description

Alternative Names

Excitatory amino-acid carrier 1 Antibody, excitatory amino acid transporter 3 Antibody, EAAT3 Antibody, Neuronal and epithelial glutamate transporter Antibody, Sodium-dependent glutamate/aspartate transporter 3 Antibody, solute carrier family 1 member 1 and Slc1a1 Antibody

Research Areas

Cell Structure, Membrane Markers, Neuroscience, Neurotransmitter Receptors, Pumps/Transporters

Cellular Localization

Membrane

Accession Number

NP_004161.4

Gene ID

6505

Swiss Prot

P43005

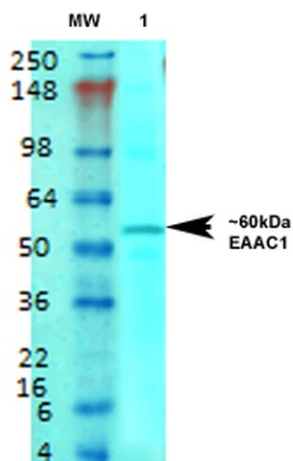
Scientific Background

SLC1A1/EAAT3/EAAC1, a member of this transporter family, is expressed throughout the body, particularly in brain, intestine, liver, heart and kidney. Functional defects of the SLC1A1 gene are found in patients of dicarboxylic amino aciduria.

References

1. Smith C. P., et al., (1994) Genomics 20:335-336.
 2. Kanai Y., and Hediger M. A. (1992) Nature 360:467-471.
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Product Images



Western Blot analysis of Rat brain membrane lysate showing detection of EAAT3 protein using Mouse Anti-EAAT3 Monoclonal Antibody, Clone S180-41 (SMC-406). Primary Antibody: Mouse Anti-EAAT3 Monoclonal Antibody (SMC-406) at 1:1000.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.