Rev03
Update: Aug,08,2025

DATASHEET

EAAT2 Antibody, mAb, Rabbit

Cat. No.: A03678

Overview

Specificity	This product is specific to EAAT2
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human EAAT2
Species Reactivity	Human; Mouse; Rat
Conjugate	Unconjugated

Applications

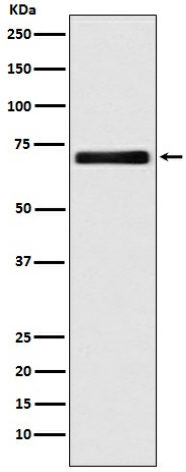
Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Application	Recommended Usage
Western Blot	1:1000-1:2000
Immunocytochemistry/Immunofluorescence (ICC/IF)	1:50-1:200
Immunoprecipitation (IP)	1:20-1:50

Properties

Form	Liquid
Storage Buffer	Supplied in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.
Purification	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal

Examples



All lanes use EAAT2 Antibody, mAb, Rabbit at 1:2K dilution for 1 hour at room temperature.

Background

Target Background : Excitatory amino acid transporters (EAATs) regulate and maintain extracellular glutamate concentrations below excitotoxic levels. In addition, glutamate transporters may limit the duration of synaptic excitation by an electrogenic process in which the transmitter is cotransported with three sodium ions and one proton, followed by countertransport of a potassium ion.

Synonyms : EAAT2; Slc1a2;

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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