EAAT2/SLC1A2 Antibody

CAB0910

Description

This EAAT2/SLC1A2 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB0910
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	GLT1, HBGT, DEE41, EAAT2, GLT-1, EIEE41, EAAT2/SLC1A2
Clone:	-
Applications:	WB ELISA IF-P
Conjugation:	Unconjugated
Reactivity:	Mouse, Rat

Antibody Data

Gene ID:	6506
Uniprot:	AB_2757455
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	62kDa
Calculated MW:	62kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

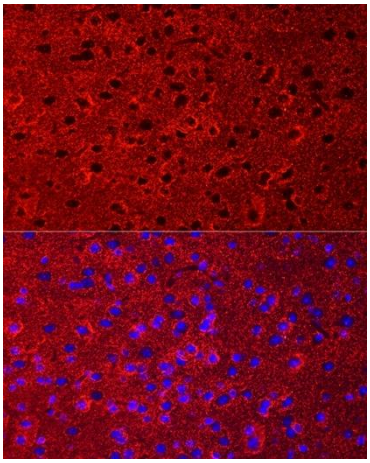
Positive Sample: Mouse brain

Recommended Dilutions:

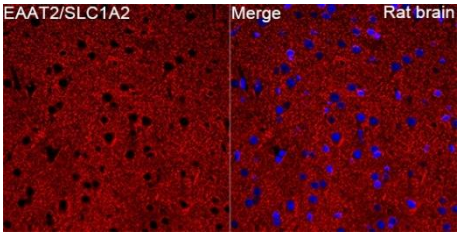
WB	1:500 - 1:1000
IF-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data



Perform microwave antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.Immunofluorescence analysis of paraffin-embedded mouse brain using EAAT2/SLC1A2 Rabbit pAb (CAB0910) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Rat brain tissue using EAAT2/SLC1A2 Rabbit pAb (CAB0910) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.