

EAAT2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03768-1

Capture Antibody Information

Catalog Number:
88675-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
261306A12

Reactivity:
human

GenBank:
BC132768

Immunogen Catalog Number:
Ag19816

Conjugate:
Unconjugated

Full name:
solute carrier family 1 (glial high affinity glutamate transporter), member 2

Gene ID:
6506

Detection Antibody Information

Catalog Number:
88675-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
261306F4

Reactivity:
human, mouse, rat

GenBank:
BC132768

Immunogen Catalog Number:
Ag19816

Conjugate:
Unconjugated

Full name:
solute carrier family 1 (glial high affinity glutamate transporter), member 2

Gene ID:
6506

Applications

Tested Applications:
Sandwich ELISA

Range:
0.195–12.5 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03768-1 targets EAAT2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SLC1A2 Recombinant monoclonal antibody, PBS Only (Capture) 88675-2-PBS (261306A12). 100 µg. Concentration 1 mg/mL.

Detection antibody: EAAT2 Recombinant monoclonal antibody, PBS Only (Detector) 88675-1-PBS (261306F4). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

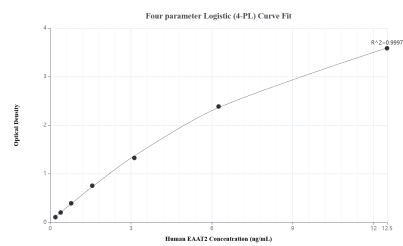
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

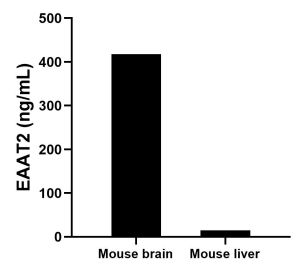
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP03768-1, Human EAAT2 Recombinant Matched Antibody Pair - PBS only. 88675-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag19816. 88675-1-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL.



The mean EAAT2 concentration was determined to be 417.70 ng/mL in mouse brain tissue extract based on a 1.20 mg/mL extract load and 14.97 ng/mL in mouse liver tissue extract based on a 1.20 mg/mL extract load.