

Product datasheet for **AP32158PU-N**

EAAT1 (SLC1A3) (197-208) Goat Polyclonal Antibody

Product data:

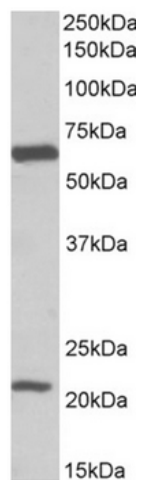
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Peptide ELISA: 1/128000 (Detection Limit). Western blot: 0.1-0.3 µg/ml. Approx 60kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 59.6kDa according to NP_004163.3). An additional band of unknown identity was also consistently observed at 22kDa. This band was successfully blocked by incubation with the immunizing peptide.
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_004163.3; NP_001160167.1.
Specificity:	This antibody is expected to recognize isoform 1 (NP_004163.3) and isoform 2 (NP_001160167.1) of EAAT1 / GLAST1.
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified IgG fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	solute carrier family 1 member 3
Database Link:	Entrez Gene 6507 Human P43003



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Synonyms: GLAST, GLAST1, GLAST-1

Product images:



Staining of Human Frontal Cortex lysate using SLC1A3 / EAAT1 antibody at 0.1 ug/ml (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.