

EAA2 rabbit pAb

Cat No.:ES20418

For research use only

Overview

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| Product Name | EAA2 rabbit pAb |
| Host species | Rabbit |
| Applications | WB; ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse |
| Recommended dilutions | WB 1:1000-2000 ELISA 1:5000-20000 |
| Immunogen | Synthesized peptide derived from human EAA2 |
| Specificity | This antibody detects endogenous levels of Human,Rat,Mouse EAA2 |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20℃. Avoid repeated freeze-thaw cycles. |
| Protein Name | EAA2 |
| Gene Name | SLC1A2 EAAT2 GLT1 |
| Cellular localization | Cell membrane ; Multi-pass membrane protein . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | |
| Human Gene ID | 6506 |
| Human Swiss-Prot Number | P43004 |
| Alternative Names | Excitatory amino acid transporter 2 (Glutamate/aspartate transporter II;Sodium-dependent glutamate/aspartate transporter 2;Solute carrier family 1 member 2) |
| Background | This gene encodes a member of a family of solute transporter proteins. The membrane-bound protein is the principal transporter that clears the excitatory neurotransmitter glutamate from the extracellular space at synapses in the central nervous system. Glutamate clearance is necessary for proper synaptic activation and to prevent neuronal damage from |





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excessive activation of glutamate receptors. Mutations in and decreased expression of this protein are associated with amyotrophic lateral sclerosis. Alternatively spliced transcript variants of this gene have been identified. [provided by RefSeq, Sep 2010],



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