

# Anti-EAAT2 Antibody

## ER60109



|                            |   |
|----------------------------|---|
| <b>Product Type:</b>       | Rabbit polyclonal IgG, primary antibodies |
| <b>Species reactivity:</b> | Human, Rat, Mouse                         |
| <b>Applications:</b>       | WB  |
| <b>Molecular Wt:</b>       | 62 kDa                                    |

**Description:** 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 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.

**Immunogen:** Synthetic Peptide of EAAT2

**Positive control:** Brain, Brain cortex, Pancreas,

**Database links:** SwissProt: P43004 Human

**Recommended Dilutions:**  
**WB** 1:1000-1:2000

**Storage Buffer:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Storage Instruction:** Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

**Purity:** Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

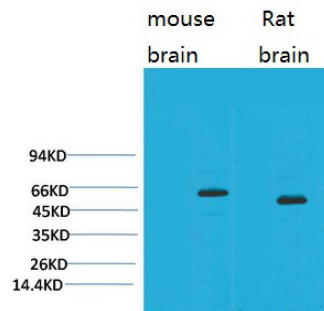
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## Images



**Fig1:** Western blot analysis of 1) Mouse Brain Tissue, 2)Rat Brain Tissue with EAAT2 Rabbit pAb diluted at 1:2,000.

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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