



EAAT2 rabbit pAb

Cat No.:ES20771

For research use only

Overview

Product Name	EAAT2 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:1000-2000
Immunogen	Synthetic Peptide of EAAT2 AA range: 370-420
Specificity	EAAT2 protein(A223) detects endogenous levels of EAAT2
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Excitatory amino acid transporter 2 (Glutamate/aspartate transporter II) (Sodium-dependent glutamate/aspartate transporter 2) (Solute carrier family 1 member 2)
Gene Name	SLC1A2
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	62kD
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 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],

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

