



# ELK Biotechnology

EAAT2 Rabbit pAb

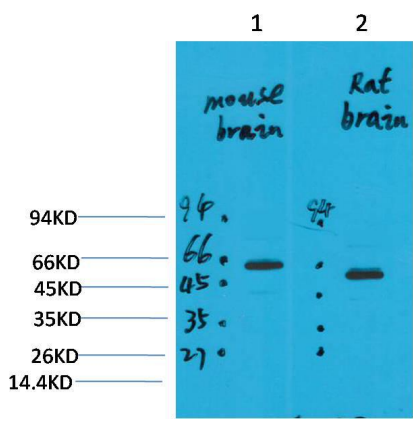
Catalog NO.: EA284

For research use only.

## Overview

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Product name	EAAT2 Rabbit polyclonal antibody
Source	Rabbit
Applications	<b>WB</b>
Species reactivity	<b>Human, Rat, Mouse</b>
Recommended dilutions	<b>WesternBlot:1/1000-2000</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	<b>62kDa</b>
GeneID (Human)	6506
Human Swiss-Prot No.	P43004
Cellular localization	Membrane
Alternative Names	Excitatory amino acid transporter 2, Slcla2, GLT1
Background	Excitatory amino acid transporters (EAATs) regulate and maintain extracellular glutamate concentrations below excitotoxic levels. In addition, glutamate transporters may limit the duration of synaptic excitation by an electrogenic process in which the transmitter is cotransported with three sodium ions and one proton, followed by countertransport of a potassium ion.



Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue with EAAT2 Rabbit pAb EA284 diluted at 1:2,000.