

EAAT1 Rabbit pAb

CatalogNo: YT1448

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 65kD (Observed)

Isotype

- IgG

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:10000

Not yet tested in other applications.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human EAAT1. AA range:492-541

Specificity EAAT1 Polyclonal Antibody detects endogenous levels of EAAT1 protein.

| Target Information

Gene name	SLC1A3		
Protein Name	Excitatory amino acid transporter 1		
	Organism	Gene ID	UniProt ID
	Human	6507 ;	P43003 ;
	Mouse		P56564 ;
Cellular Localization	Cell membrane ; Multi-pass membrane protein .		
Tissue specificity	Detected in brain (PubMed:8218410 , PubMed:7521911 , PubMed:8123008) . Detected at very much lower levels in heart , lung , placenta and skeletal muscle (PubMed:7521911 , PubMed:8123008) . Highly expressed in cerebellum , but also found in frontal cortex , hippocampus and basal ganglia (PubMed:7521911) .		
Function	Disease:Defects in SLC1A3 are the cause of episodic ataxia type 6 (EA6) [MIM:612656]. EA6 is characterized by episodic ataxia , seizures , migraine and alternating hemiplegia. ,Function:Transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. Acts as a symport by cotransporting sodium. ,PTM:Glycosylated. ,similarity:Belongs to the sodium:dicarboxylate (SDF) symporter (TC 2.A.23) family. ,tissue specificity:Highly expressed in cerebellum , but also found in frontal cortex , hippocampus and basal ganglia. .		

Validation Data

Contact information

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EAAT1 Rabbit pAb

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