

Anti-EAAT3 Rabbit pAb



WLH4348

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-EAAT3 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	Immunohistochemistry	1:100-1:400

**Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*

Pack size	50/100/200/500/1000µl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background During neurotransmission, glutamate is released from vesicles of the presynaptic cell, and glutamate receptors (e.g., NMDA Receptor, AMPA Receptor) bind glutamate for activation at the opposing postsynaptic cell. Excitatory amino acid transporters (EAATs) regulate and maintain extracellular glutamate concentrations below excitotoxic levels.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of EAAT3.

Purification Polyclonal antibody was purified by Protein A affinity chromatography.

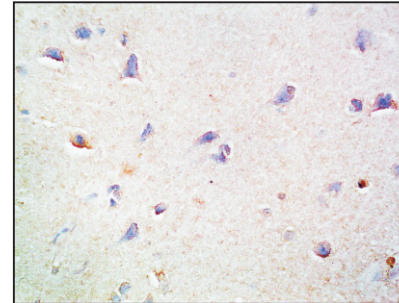
Anti-EAAT3 Rabbit pAb



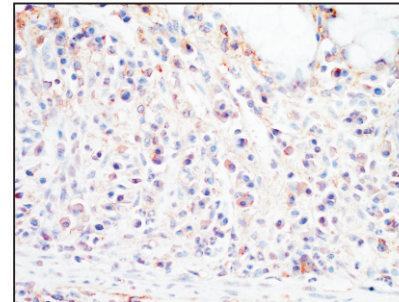
WLH4348

For Research Use Only. Not For Use In Diagnostic Procedures

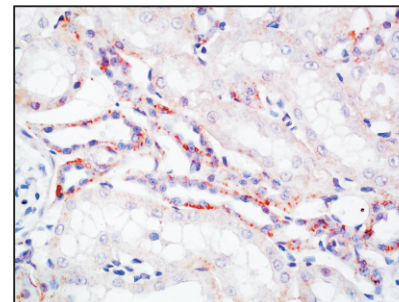
Product Images

**Immunohistochemistry-Anti-EAAT3 pAb**

Sample: Human brain glioma tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB

**Immunohistochemistry-Anti-EAAT3 pAb**

Sample: Mouse colon tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB

**Immunohistochemistry-Anti-EAAT3 pAb**

Sample: Rat kidney tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB