Recombinant EAAT1 Monoclonal Antibody

catalog number: **AN301072L**

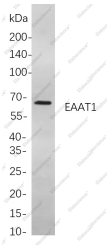
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human EAAT1 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110696
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:200-1000
WB	1:500-2000
IF	1:200-1000
ELISA	1:5000-20000

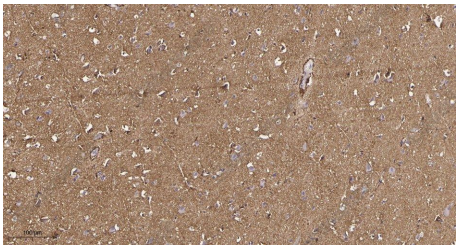
Data



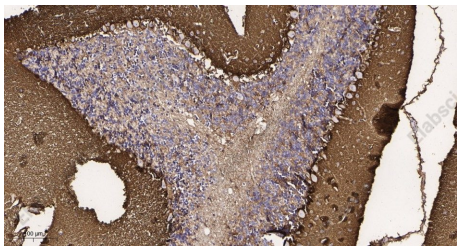
Western Blot with Recombinant EAAT1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: U-87MG cells.

Observed-MW:59 kDa

Calculated-MW:60 kDa



Immunohistochemistry of paraffin-embedded human brain tissue using Recombinant EAAT1 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded mouse brain tissue using Recombinant EAAT1 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This gene encodes a member of a member of a high affinity glutamate transporter family. This gene functions in the termination of excitatory neurotransmission in central nervous system. Mutations are associated with episodic ataxi a, Type 6. Alternative splicing results in multiple transcript variants.