

For Research Use Only

EAAT3 Polyclonal antibody

Catalog Number: 12686-1-AP **6 Publications**



Basic Information

| | | |
|---|--|--|
| Catalog Number: 12686-1-AP | GenBank Accession Number: BC033040 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 700 µg/ml by Nanodrop; | GeneID (NCBI): 6505 | Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 |
| Source: Rabbit | Full Name: solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1 | |
| Isotype: IgG | Calculated MW: 524 aa, 57 kDa | |
| Immunogen Catalog Number: AG3379 | Observed MW: 66 kDa | |

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

goat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse ovary tissue, human brain tissue, mouse testis tissue

IHC: mouse brain tissue, human brain tissue, human testis tissue

Background Information

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------|-----------|------------------|-------------|
| Wenzheng Guo | 33229341 | Cancer Res | IHC |
| Xinkun Wan | 32597804 | J Alzheimers Dis | WB |
| Changxin Tian | 35791780 | Anim Sci J | IHC |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

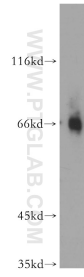
For technical support and original validation data for this product please contact:

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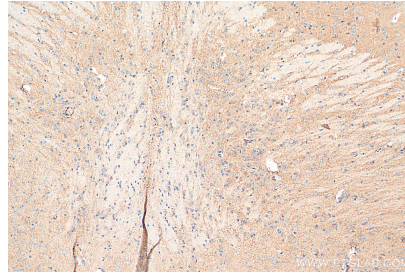
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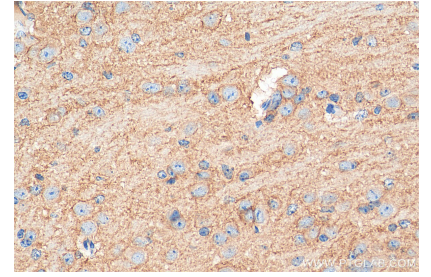
Selected Validation Data



mouse ovary tissue were subjected to SDS PAGE followed by western blot with 12686-1-AP (EAAT3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12686-1-AP (EAAT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12686-1-AP (EAAT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).