

For Research Use Only

# EAAT3 Polyclonal antibody

Catalog Number: 12686-1-AP

Featured Product

13 Publications



## Basic Information

Catalog Number:

12686-1-AP

Concentration:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3379

GenBank Accession Number:

BC033040

GeneID (NCBI):

6505

UNIPROT ID:

P43005

Full Name:

solute carrier family 1  
(neuronal/epithelial high affinity  
glutamate transporter, system Xag),  
member 1

Calculated MW:

524 aa, 57 kDa

Observed MW:

66 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

IHC: 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, pig, chicken, goat

**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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

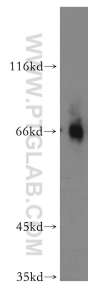
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

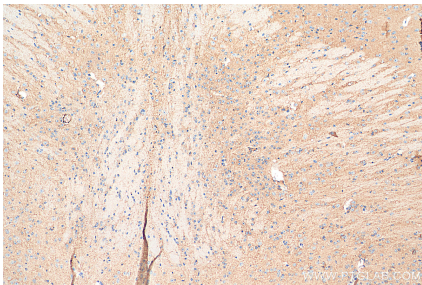
W: [ptgcn.com](http://ptgcn.com)

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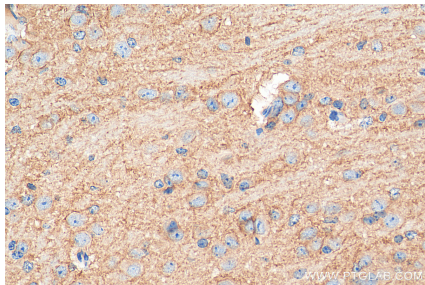
## Selected Validation Data



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).