

## EAAT3 Polyclonal antibody

Catalog Number: 12686-1-AP

6 Publications

## Basic Information

## Catalog Number:

12686-1-AP

## Size:

700 µg/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:

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

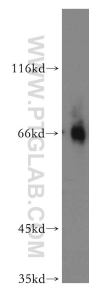
For technical support and original validation data for this product please contact:

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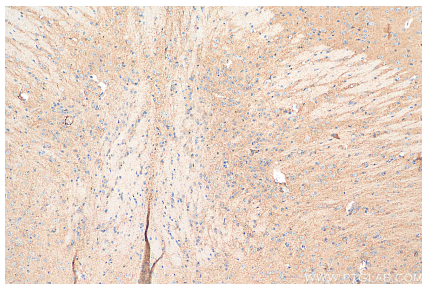
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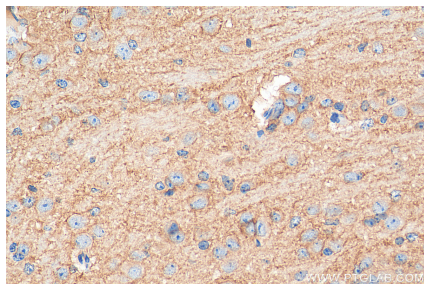
## Selected Validation Data



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).