

For Research Use Only

# PEA15 Polyclonal antibody

Catalog Number: 21446-1-AP

Featured Product

1 Publications



## Basic Information

Catalog Number:

21446-1-AP

Size:

260 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13782

GenBank Accession Number:

BC002426

GeneID (NCBI):

8682

UNIPROT ID:

Q15121

Full Name:

phosphoprotein enriched in astrocytes

15

Calculated MW:

130 aa, 15 kDa

Observed MW:

15-18 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse

Cited Species:

human

**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: fetal human brain tissue,

IHC: mouse brain tissue, human heart tissue, human brain tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yonghong Luo	32047549	J Cancer	WB, 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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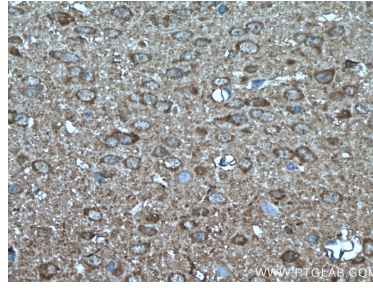
W: ptgcn.com

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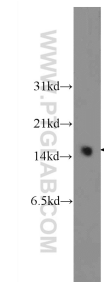
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21446-1-AP (PEA15 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21446-1-AP (PEA15 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 21446-1-AP (PEA15 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.