

For Research Use Only

# PEA15 Polyclonal antibody

Catalog Number: 21446-1-AP

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 21446-1-AP	<b>GenBank Accession Number:</b> BC002426	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 260 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8682	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> phosphoprotein enriched in astrocytes 15	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 130 aa, 15 kDa	
<b>Immunogen Catalog Number:</b> AG13782	<b>Observed MW:</b> 15-18 kDa	

## 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

\*\*\* 20ul sizes contain 0.1% BSA

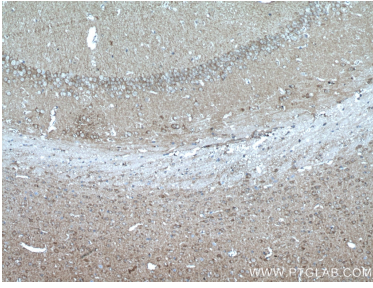
For technical support and original validation data for this product please contact:

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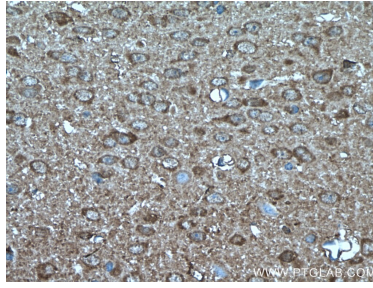
E: proteintech@ptglab.com  
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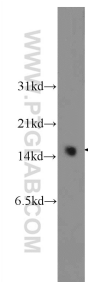
## Selected Validation Data



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.