

For Research Use Only

# APBA1 Polyclonal antibody, PBS Only

Catalog Number:55089-1-PBS



## Basic Information

Catalog Number:

55089-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001163

GeneID (NCBI):

320

UNIPROT ID:

Q02410

Full Name:

amyloid beta (A4) precursor protein-binding, family A, member 1

Calculated MW:

93 kDa

Observed MW:

138-140 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

APBA1, also named MINT1 and X11A, is a brain-specific multi-modular protein that interacts with the Alzheimer's disease amyloid precursor protein (APP)(PMID: 22136355). APP functions as a cytosolic anchoring site that can prevent the gene product's nuclear translocation. APBA1 is expressed in the brain and was found to interact with Munc18.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

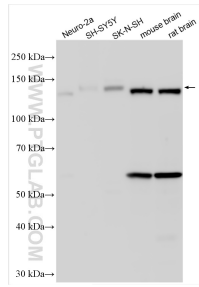
T: 4006900926

E: Proteintech-CN@ptglab.com

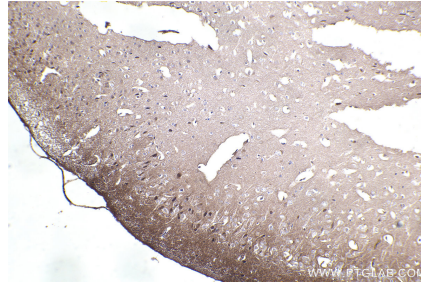
W: ptgcn.com

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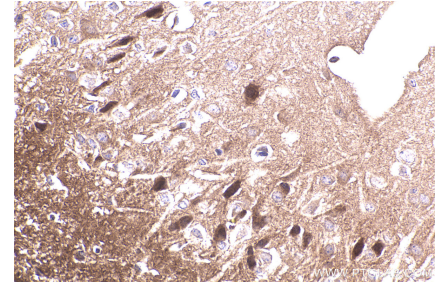
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55089-1-AP (APBA1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55089-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 55089-1-AP (APBA1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55089-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 55089-1-AP (APBA1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55089-1-PBS in a different storage buffer formulation.