

# APBA1 Rabbit pAb

**Catalog No.: A18582**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

93kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse

## Background

The protein encoded by this gene is a member of the X11 protein family. It is a neuronal adapter protein that interacts with the Alzheimer's disease amyloid precursor protein (APP). It stabilizes APP and inhibits production of proteolytic APP fragments including the A beta peptide that is deposited in the brains of Alzheimer's disease patients. This gene product is believed to be involved in signal transduction processes. It is also regarded as a putative vesicular trafficking protein in the brain that can form a complex with the potential to couple synaptic vesicle exocytosis to neuronal cell adhesion.

## Recommended Dilutions

**IHC-P** 1:50 - 1:200

**IF/ICC** 1:50 - 1:200

## Immunogen Information

### Gene ID

320

### Swiss Prot

Q02410

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 240-390 of human APBA1 (NP\_001154.2).

### Synonyms

X11; X11A; LIN10; MINT1; D9S411E; X11ALPHA; APBA1

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

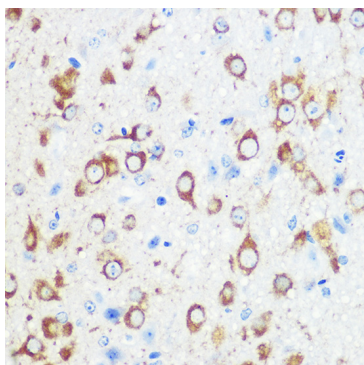
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

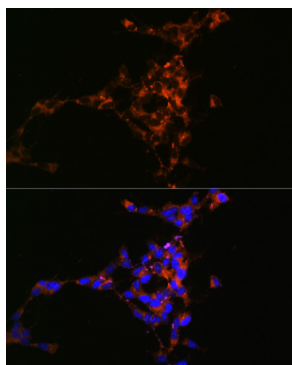
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

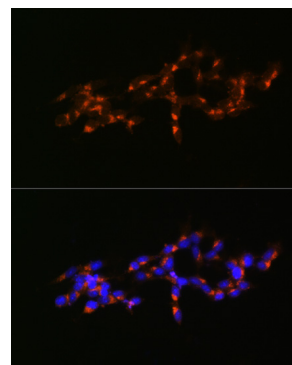
---



Immunohistochemistry analysis of paraffin-embedded mouse brain using APBA1 Rabbit pAb (A18582) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of SH-SY5Y cells using APBA1 Rabbit pAb (A18582) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using APBA1 Rabbit pAb (A18582) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.