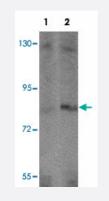


## APBA2 polyclonal antibody

Catalog # PAB19334 Size 100 ug

### Applications



### Western Blot (Tissue lysate)

Western blot analysis of APBA2 in human brain tissue lysate with APBA2 polyclonal antibody (Cat # PAB19334) at (1) 1 and (2) 2 ug/mL.

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#### Immunohistochemistry

Immunohistochemical staining of human brain cells with APBA2 polyclonal antibody (Cat # PAB19334) at 10 ug/mL.

Specification	
Product Description	Rabbit polyclonal antibody rasied against synthetic peptide of APBA2.
Immunogen	A synthetic peptide corresponding to 18 amino acids near internal region of human APBA2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Peptide affinity purification

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### **Product Information**

Concentration	1 mg/mL
Recommend Usage	Western Blot (1-2 ug/mL) Immunohistochemistry (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

### Applications

• Western Blot (Tissue lysate)

Western blot analysis of APBA2 in human brain tissue lysate with APBA2 polyclonal antibody (Cat # PAB19334) at (1) 1 and (2) 2 ug/mL.

• Immunohistochemistry

Immunohistochemical staining of human brain cells with APBA2 polyclonal antibody (Cat # PAB19334) at 10 ug/mL.

• Enzyme-linked Immunoabsorbent Assay

### Gene Info — APBA2

Entrez GenelD	<u>321</u>
Protein Accession#	<u>NP_005494</u>
Gene Name	APBA2
Gene Alias	D15S1518E, HsT16821, LIN-10, MGC99508, MGC:14091, MINT2, X11L
Gene Description	amyloid beta (A4) precursor protein-binding, family A, member 2
Omim ID	<u>602712</u>
Gene Ontology	Hyperlink

😭 Abnova	Product Information
Gene Summary	The protein encoded by this gene is a member of the X11 protein family. It is a neuronal adapter p rotein that interacts with the Alzheimer's disease amyloid precursor protein (APP). It stabilizes AP P and inhibits production of proteolytic APP fragments including the A beta peptide that is deposi ted in the brains of Alzheimer's disease patients. This gene product is believed to be involved in s ignal 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 cel I adhesion. Multiple transcript variants encoding different isoforms have been found for this gene. [ provided by RefSeq
Other Designations	X11-like protein adapter protein X11beta amyloid beta (A4) precursor protein-binding, family A, member 2 (X11-like) amyloid beta A4 precursor protein-binding, family A, member 2 neuron-spec ific X11L protein neuronal munc18-1-interacting protein 2 phosphot

### Disease

- <u>Autistic Disorder</u>
- <u>Child Development Disorders</u>
- <u>Chromosome Deletion</u>
- Genetic Predisposition to Disease
- <u>Mental Retardation</u>
- <u>Psychotic Disorders</u>
- Schizophrenia
- Tobacco Use Disorder