



# Human APBA1 blocking peptide (CDBP0418)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-APBA1/MINT1 antibody
<b>Antigen Description</b>	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.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">APBA1 amyloid beta (A4) precursor protein-binding, family A, member 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	APBA1
<b>Synonyms</b>	APBA1; amyloid beta (A4) precursor protein-binding, family A, member 1; MINT1; amyloid beta

A4 precursor protein-binding family A member 1; D9S411E; X11; mint-1; adapter protein X11alpha; adaptor protein X11alpha; neuron-specific X11 protein; neuronal munc18-1-interacting protein 1; phosphotyrosine-binding/-interacting domain (PTB)-bearing protein; amyloid beta (A4) precursor protein-binding, family A, member 1 (X11); X11A; LIN10; X11ALPHA;

Entrez Gene ID	<a href="#">320</a>
mRNA Refseq	<a href="#">NM_001163</a>
Protein Refseq	<a href="#">NP_001154</a>
UniProt ID	Q02410
Chromosome Location	9q13-q21
Function	PDZ domain binding; beta-amyloid binding; phosphatidylinositol-4,5-bisphosphate binding; protein binding; protein complex binding;