

## X11 $\beta$ rabbit pAb

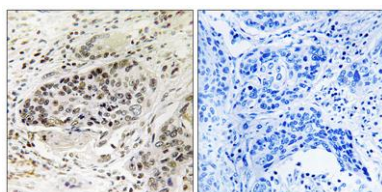
**Cat#: orb768636 (Manual)**

For research use only. Not intended for diagnostic use.

<b>Product Name</b>	X11 $\beta$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human APBA2. AA range:371-420
<b>Specificity</b>	X11 $\beta$ Polyclonal Antibody detects endogenous levels of X11 $\beta$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Amyloid beta A4 precursor protein-binding family A member 2
<b>Gene Name</b>	APBA2
<b>Cellular localization</b>	plasma membrane,synaptic vesicle,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	83kD
<b>Human Gene ID</b>	321
<b>Human Swiss-Prot Number</b>	Q99767
<b>Alternative Names</b>	APBA2; MINT2; X11L; Amyloid beta A4 precursor protein-binding family A member 2; Adapter protein X11beta; Neuron-specific X11L protein; Neuronal Munc18-1-interacting protein 2; Mint-2

**Background** amyloid beta precursor protein binding family A member 2 (APBA2) Homo sapiens 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],



**Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using APBA2 Antibody. The picture on the right is blocked with the synthesized peptide.**