

# APBA1 FISH Probe

Catalog # FA0232      Size 200 uL

## Specification

<b>Product Description</b>	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. ( <a href="#">Technology</a> ).
<b>Origin</b>	Human
<b>Source</b>	Genomic DNA
<b>Reactivity</b>	Human
<b>Notice</b>	We <b>strongly recommend</b> the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: <a href="#">KA2375</a> or <a href="#">KA2691</a> ) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
<b>Regulation Status</b>	For research use only (RUO)
<b>Supplied Product</b>	DAPI Counterstain (1500 ng/mL ) 250 uL
<b>Storage Instruction</b>	Store at 4°C in the dark.

## Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

## Gene Info — APBA1

<b>Entrez GeneID</b>	<a href="#">320</a>
<b>Gene Name</b>	APBA1
<b>Gene Alias</b>	D9S411E, MINT1, X11, X11A, X11ALPHA
<b>Gene Description</b>	amyloid beta (A4) precursor protein-binding, family A, member 1

Omim ID [602414](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000021438|adaptor protein X11 alpha|amyloid beta (A4) precursor protein-binding, family A, member 1 (X11)|amyloid beta A4 precursor protein-binding, family A, member 1|neuron-specific X11 protein|neuronal munc18-1-interacting protein 1|phosphotyrosine

## Disease

- [Alzheimer Disease](#)
- [Amnesia](#)
- [Cognition Disorders](#)
- [Neuropsychological Tests](#)
- [Tobacco Use Disorder](#)