# Anti-APBA2 antibody

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|---|---|
| **Cat. No.** | ml261289 |
| **Package** | 25 μl/100 μl/200 μl |
| **Storage** | -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol |

**Product overview**

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| **Description** | Anti-APBA2 rabbit polyclonal antibody |
| **Applications** | ELISA, IHC |
| **Immunogen** | Synthetic peptide of human APBA2 |
| **Reactivity** | Human |
| **Content** | 0.4 mg/ml |
| **Host species** | Rabbit |
| **Ig class** | Immunogen-specific rabbit IgG |
| **Purification** | Antigen affinity purification |

**Target information**

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|---|---|
| **Symbol** | APBA2 |
| **Full name** | amyloid beta (A4) precursor protein-binding, family A, member 2 |
| **Synonyms** | X11L; MINT2; LIN-10; HsT16821; X11-BETA; D15S1518E; MGC:14091 |
| **Swissprot** | Q99767 |

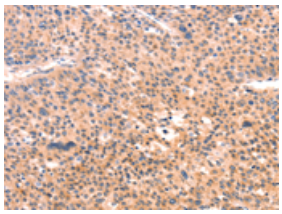
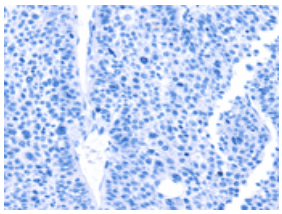
**Target Background**

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. Multiple transcript variants encoding different isoforms have been found for this gene.

**Applications**

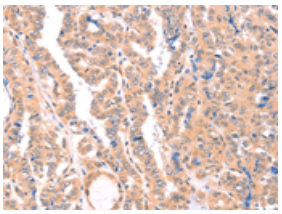
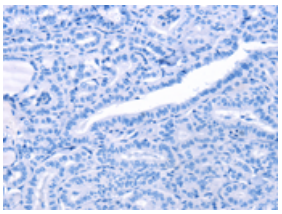
**Immunohistochemistry**

Predicted cell location: Cytoplasm
Positive control: Human liver cancer
Recommended dilution: 100-300

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml261289(APBA2 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human thyroid cancer
Recommended dilution: 100-300

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml261289(APBA2 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: ×200)

**ELISA**

Recommended dilution: 2000-5000