

## Rabbit APBA2 Polyclonal Antibody | anti-APBA2 antibody

APBA2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA327845 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

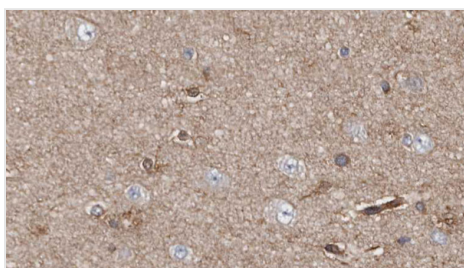
### PRODUCT SYNONYMS

APBA2; Polyclonal Antibody; APBA2 Antibody; Adapter protein X11beta; Amyloid beta A4 precursor protein-binding family A member 2; APBA2\_HUMAN; D15S1518E; HsT16821; LIN 10; MGC:14091; MGC99508; Mint 2; Mint-2; MINT2; Neuron-specific X11L protein; Neuronal Munc18-1-interacting protein 2; Phosphotyrosine binding/interacting domain (PTB) bearing protein; X11 beta; X11 like protein; X11l; anti-APBA2 antibody

### PRODUCT SPECIFICATIONS

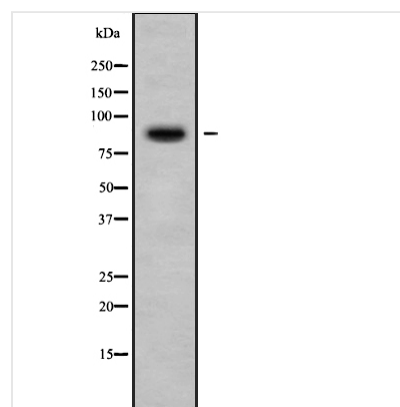
|                                                 |                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                                         |
| Clonality                                       | Polyclonal                                                                                                |
| Isotype                                         | IgG                                                                                                       |
| Specificity                                     | APBA2 antibody detects endogenous levels of total APBA2                                                   |
| Purity/Purification                             | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.             |
| Form/Format                                     | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.             |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                    |
| Sequence Length                                 | 737                                                                                                       |
| Applicable Applications for anti-APBA2 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                      |
| Immunogen                                       | A synthesized peptide derived from human APBA2, corresponding to a region within the internal amino acids |
| Conjugation                                     | Unconjugated                                                                                              |
| Preparation and Storage                         | Store at -20 degree C. Stable for 12 months from date of receipt.                                         |

### IMAGES



#### IHC (Immunohistochemistry)

AAA327845 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



#### WB (Western Blot)

Western blot analysis of APBA2 using HeLa whole cell lysates

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-APBA2 antibody | Function: Putative function in synaptic vesicle exocytosis by binding to STXBP1, an essential component of the synaptic vesicle exocytotic machinery. May modulate processing of the amyloid-beta precursor protein (APP) and hence formation of APP-beta.<br>Similarity: Composed of an N-terminal domain that binds STXBP1, a middle phosphotyrosine-binding domain (PID/PTB) that mediates binding with the cytoplasmic domain of the amyloid-beta precursor protein, and two C-terminal PDZ domains thought to attach proteins to the plasma membrane. |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| NCBI GI #                        | 194353992                                                     |
| NCBI GeneID                      | 321                                                           |
| NCBI Accession #                 | NP_001123886.1                                                |
| NCBI GenBank Nucleotide #        | NM_001130414.1                                                |
| UniProt Accession #              | Q99767; O60571; Q5XKC0; E9PGI4                                |
| Molecular Weight                 | 83 kDa                                                        |
| NCBI Official Full Name          | amyloid-beta A4 protein-binding family A member 2 isoform b   |
| NCBI Official Synonym Full Names | amyloid beta precursor protein binding family A member 2      |
| NCBI Official Symbol             | APBA2                                                         |
| NCBI Official Synonym Symbols    | X11L; MINT2; LIN-10; HsT16821; X11-BETA; D15S1518E; MGC:14091 |
| NCBI Protein Information         | amyloid-beta A4 precursor protein-binding family A member 2   |
| UniProt Protein Name             | Amyloid-beta A4 precursor protein-binding family A member 2   |
| UniProt Gene Name                | APBA2                                                         |
| UniProt Synonym Gene Names       | MINT2; X11L; Mint-2                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/apba2-antibody-immunohistochemistry-western-blot-elisa/327845>