

## Beta Amyloid Polyclonal Antibody | anti-APP antibody

Anti-Beta Amyloid (pT743) Phospho Antibody

|                               |                                                                          |                                                           |
|-------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA260118</b> | REACTIVITY<br><b>Human, Mouse, Rat, Chicken, Dog, Porcine, Zebrafish</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------|

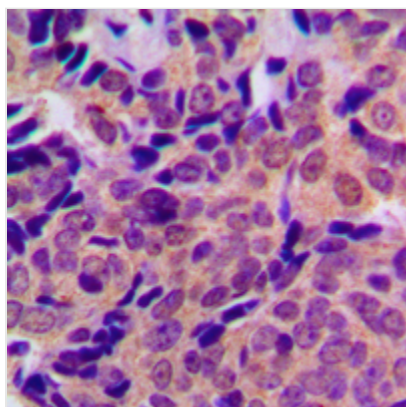
### PRODUCT SYNONYMS

Beta Amyloid; Polyclonal Antibody; Anti-Beta Amyloid (pT743) Phospho Antibody; A4; AD1; Amyloid beta A4 protein; ABPP; APPI; APP; Alzheimer disease amyloid protein; Cerebral vascular amyloid peptide; CVAP; PreA4; Protease nexin-II; PN-II; anti-APP antibody

### PRODUCT SPECIFICATIONS

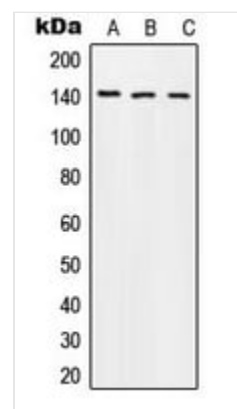
|                                               |                                                                                                                                             |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Human, Mouse, Rat, Chicken, Dog, Porcine, Zebrafish                                                                                         |
| Clonality                                     | Polyclonal                                                                                                                                  |
| Specificity                                   | Recognizes endogenous levels of Beta Amyloid (pT743) protein.                                                                               |
| Purity/Purification                           | The antibody was purified by immunogen affinity chromatography.                                                                             |
| Form/Format                                   | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                   |
| Sequence Length                               | 770                                                                                                                                         |
| Applicable Applications for anti-APP antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                               |
| Immunogen                                     | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Beta Amyloid. The exact sequence is proprietary. |
| Preparation and Storage                       | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                                            |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Beta Amyloid (pT743) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Beta Amyloid (pT743) expression in MCF7 colchicine-treated (A), mouse liver (B), PC12 (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                                                    |
|---------------------------------------------------|----------------------------------------------------|
| Related Product Information for anti-APP antibody | Rabbit polyclonal antibody to Beta Amyloid (pT743) |
|---------------------------------------------------|----------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4502167                                                                                                  |
| NCBI GeneID                      | 351                                                                                                      |
| NCBI Accession #                 | NP_000475.1                                                                                              |
| NCBI GenBank Nucleotide #        | NM_000484.3                                                                                              |
| UniProt Accession #              | P05067; P09000; P78438; Q13764; Q13778; Q13793; Q16011; B2R5V1; B4DII8; D3DSD1; D3DSD2; D3DSD3           |
| NCBI Official Full Name          | amyloid beta A4 protein isoform a                                                                        |
| NCBI Official Synonym Full Names | amyloid beta (A4) precursor protein                                                                      |
| NCBI Official Symbol             | APP                                                                                                      |
| NCBI Official Synonym Symbols    | AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; CTFgamma                                                  |
| NCBI Protein Information         | amyloid beta A4 protein                                                                                  |
| UniProt Protein Name             | Amyloid beta A4 protein                                                                                  |
| UniProt Gene Name                | APP                                                                                                      |
| UniProt Synonym Gene Names       | A4; AD1; APP; CVAP; PN-II; S-APP-alpha; S-APP-beta; AICD-59; AID(59); AICD-57; AID(57); AICD-50; AID(50) |
| UniProt Entry Name               | A4_HUMAN                                                                                                 |

**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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/beta-amyloid-antibody-immunohistochemistry-western-blot-elisa/260118>