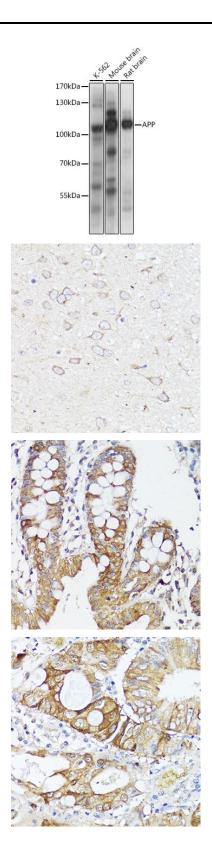
## **APP Rabbit Polyclonal Antibody**

## CAB16265



| Product Information  | Protein Background  |             |   |
|--|---|-------------|---|
| Size:  | This gene encodes a cell surface receptor and transmembrane precursor protein that is cleaved   |             |   |
| 20uL, 50uL, 100uL, 200uL<br><b>Observed MW:</b>  | by secretases to form a number of peptides. Some of these peptides are secreted and can bin<br>to the acetyltransferase complex APBB1/TIP60 to promote transcriptional activation, whil<br>others form the protein basis of the amyloid plaques found in the brains of patients wit<br>Alzheimer disease. In addition, two of the peptides are antimicrobial peptides, having bee |             |   |
|  |   | 110kDa      | shown to have bacteriocidal and antifungal activities. Mutations in this gene have beer implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebra |
| Calculated MW:<br>34kDa/72-86kDa<br>Applications:                                      | amyloid angiopathy). Multiple transcript variants encoding several different isoforms have bee<br>found for this gene.  |             |   |
|  |   | WB IHC IF   | Gene ID:<br>351   |
|  |   | Reactivity: |   |
| Human, Mouse, Rat  | Uniprot   |             |   |
|  | P05067  |             |   |
| Antibody Information   | <b>Synonyms:</b><br>AAA; ABETA; ABPP; AD1; APPI; CTFgamma; CVAP; PN-II; PN2;  |             |   |
| <b>Recommended dilutions:</b><br>WB 1:500 - 1:2000 IHC 1:50<br>- 1:200 IF 1:50 - 1:200 | Amyloid beta A4; APP; ABeta42; preA4  |             |   |
| Source:  | Immunogen:  |             |   |
| Rabbit   | A synthetic peptide of human ABeta42.   |             |   |
| lsotype:   | Storage:  |             |   |
| lgG  | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%  |             |   |
|  | sodium azide, 50% glycerol, pH7.3.  |             |   |

**Purification:** Affinity purification



Western blot analysis of extracts of various cell lines, using APP antibody (CAB16265) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Immunohistochemistry of paraffin-embedded rat brain using APP antibody (CAB16265) at dilution of 1:200 (40x lens).

Immunohistochemistry of paraffin-embedded human colon using APP antibody (CAB16265) at dilution of 1:200 (40x lens).

Immunohistochemistry of paraffin-embedded human colon carcinoma using APP antibody (CAB16265) at dilution of 1:200 (40x lens).