

## Datasheet for ABIN200259 **anti-APP antibody (N-Term)**



[Go to Product page](#)

### Overview

|                      |                                                                                                                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                                                                                                                    |
| Target:              | APP                                                                                                                                                                       |
| Binding Specificity: | N-Term                                                                                                                                                                    |
| Reactivity:          | Human                                                                                                                                                                     |
| Host:                | Mouse                                                                                                                                                                     |
| Clonality:           | Monoclonal                                                                                                                                                                |
| Conjugate:           | This APP antibody is un-conjugated                                                                                                                                        |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|               |                                                                                                                                                                                                                                                                                                                                                              |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Rec b-APP695.                                                                                                                                                                                                                                                                                                                                                |
| Isotype:      | IgG1 kappa                                                                                                                                                                                                                                                                                                                                                   |
| Specificity:  | Recognizes human b-amyloid precursor protein (b-APP695) that has a predicted amino acid sequence length of 695. There are 3 known b-APP proteins (b APP695, b APP751, b APP770) thought to be the source of amyloid b-peptide. Recognizes an epitope within the first 200 amino acids in the b-APP amino terminus This antibody will react with all 3 forms. |
| Purification: | Purified                                                                                                                                                                                                                                                                                                                                                     |

### Target Details

|         |     |
|---------|-----|
| Target: | APP |
|---------|-----|

## Target Details

|                   |                                                                                                                                                                                                                                                                                      |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | APP / beta Amyloid ( <a href="#">APP Products</a> )                                                                                                                                                                                                                                  |
| Background:       | Name/Gene ID: APP<br>Family: Amyloid precursor protein<br><br>Synonyms: APP, ABPP, A4, ABETA, AD1, Alzheimer disease, Amyloid beta, Beta-amyloid peptide, APPI, Beta amyloid, CVAP, AAA, PN2, PreA4, Amyloid beta A4 protein, Peptidase nexin-II, CTFgamma, PN-II, Protease nexin-II |
| Gene ID:          | 351                                                                                                                                                                                                                                                                                  |
| UniProt:          | <a href="#">P05067</a>                                                                                                                                                                                                                                                               |
| Pathways:         | <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Feeding Behaviour</a>      |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA (0.1 - 0.5 µg/mL), IHC, IHC-Fr, IHC-P, WB (0.5 - 1 µg/mL)<br><br>Usage: Suitable for use in Immunohistochemistry, Western Blot and ELISA.<br>Immunohistochemistry (Paraffin-embedded tissues): 5-10 µg/mL. Suitable for immunohistochemical staining of alcohol-fixed paraffin-embedded or frozen tissue sections.<br>Other fixatives may also work following formic acid treatment. Western Blot: 0.5-1.0 µg/mL.<br>ELISA: 0.1-0.5 µg/mL. |
| Comment:           | Target Species of Antibody: Human                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | PBS, 0.1 % sodium azide.                                                                                               |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C, -20 °C                                                                                                           |

## Handling

---

Storage Comment:                      Short term: 4°C  
                                                 Long term: Add glycerol (40-50%) -20°C.