



# **IMMUNOLOGICAL SCIENCES**

## **Product Data Sheet**

AB-10746

### **APP (amyloid beta (A4) precursor protein (peptidase nexin-II, Alzheimer disease)) Antibody**

**Size:** 100 µg

**Description:** Amyloid- $\beta$  protein is thought to play a causal role in the development of Alzheimer's disease. Amyloid- $\beta$  protein is variably cleaved at the C-terminus to form peptides 39-43 amino acids in length. Antibody recognizes only 1-40 and not the amyloid- $\beta$  precursor protein.

**Species Reactivity:** Human

**Antigen Specificity:** Polyclonal antibody produced in rabbits immunized with a synthetic peptide corresponding to a region of Human APP with an internal ID of P03595

**Reconstitution and Storage:** Antibody is lyophilized from PBS buffer with 2% sucrose. Add 100 µl of distilled water. Final antibody concentration is 1 mg/ml. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

**Quality Control:** Rabbit IgG is purified by Protein G/A affinity chromatography method. *Suggested starting concentrations are provided. Optimal dilutions should be determined by end-user. Differences in calculated versus apparent molecular weight may be due to post-translational modifications or protein hydrophobicity.*

**Applications:**

**Western Blot**  
Suggested dilution at 1.0 µg/ml in 5% skim milk / PBS buffer, and HRP conjugate anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody.

**Immunoprecipitation**

**For Research use only; not for use as a diagnostic**

**IMMUNOLOGICAL SCIENCES**

Web-site: [www.immunologicalsciences.com](http://www.immunologicalsciences.com);

E-Mail: [info@immunologicalsciences.com](mailto:info@immunologicalsciences.com)