

**Beta-Amyloid [1-16] Antibody****Subcategory:** Rabbit Polyclonal Antibody**Cat. No.:** 253244**Unit:** 0.1 mg**Description:**

Beta-amyloid production results from cleavage in the extracellular domain of APP by the beta-secretase (BACE1), which results in the production of the APP C-terminal fragment C99. This fragment is further cleaved by the gamma-secretase at residues 40-42 to produce beta-amyloid 40 and 42 peptides. Beta-amyloid aggregation and neuritic plaque formation are pathologic hallmarks of Alzheimer disease. This fragment is the amino terminus (1-16) of beta-amyloid.

**Isotype:** Rabbit Ig**Applications:** WB, IHC, E**Species Reactivity:** M, R**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.**Alternate Names:** APP; ABPP; Alzheimer disease amyloid protein; Cerebral vascular amyloid peptide; CVAP; Protease nexin-II; PN-II; APPI; PreA4; beta-amyloid 1-16**Accession No.:** P08592**Antigen:** KLH-conjugated synthetic peptide encompassing the sequence (1-16) of rat Beta Amyloid.**Application Notes:** E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.