
Beta-Amyloid [1-40] (C-term) Antibody**Subcategory:** Mouse Polyclonal Antibody**Cat. No.:** 251359**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.

Isotype: Mouse Ig**Applications:** E, WB, IHC**Species Reactivity:** H, 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:** Beta-Amyloid [1-40] (C-term); APP; ABPP; Alzheimer disease amyloid protein; Cerebral vascular amyloid peptide; CVAP; Protease nexin-II; PN-II; APPI; PreA8; Beta-amyloid protein 40; Beta-APP40**Accession No.:** P05067**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Beta-Amyloid [1-40].**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500**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.