

Beta-Amyloid [1-40] (C-term) Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251360

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: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

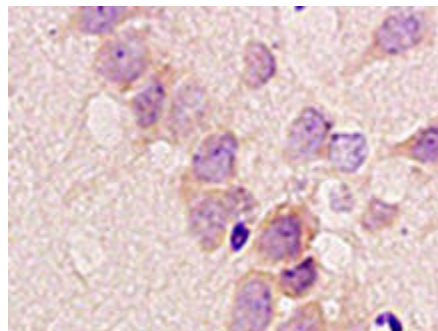
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.1 mg/ml BSA, 25% glycerol with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

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



Beta-amyloid staining in rat brain. Paraffin-embedded rat brain tissue is stained with Beta-Amyloid [1-40] (C-term) Antibody (Cat. No. 251360) used at a 1:200 dilution.

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.