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A40 Polyclonal Antibody

Cat #: G-AB-00102

Host: Rabbit **Reactivity:** Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
A derives from APP via proteolytic cleavage by proteases called -, - and -secretase. The -secretase cleavage precludes the formation of A, while the - and -cleavages generate APP components with amyloidogenic features. Amyloid beta A4 precursor protein(APP), encoded by APP gene which locate on human chromosome 21q, is a cell surface receptor and performs physiological functions on the surface of neurons relevant to neurite growth, neuronal adhesion and axonogenesis. APP expressed in all fetal tissues and is pronounced in brain, kidney, heart and spleen, but weak in liver. Defects in APP are the cause of Alzheimer disease type 1 (AD1). This antibody can recogniaze the N-terminus of human APP: Soluble APP-alpha and Soluble APP-beta.

Gene ID:

Accession #:

Immunogen: Recombinant Human Beta-amyloid 40 protein

Conjugation: Unconjugated

Swissprot: P05067

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 2 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: IHC

Dilution: IHC 1:50-1:100

Storage: Store at -20°C. Avoid freeze / thaw cycles.