

Product: Anti-APP (CT)
Catalog #: 12-2136
Amount: 25 mg

CATEGORY:**Rabbit Polyclonal****DESCRIPTION:**

Accumulation of the amyloid- β peptide (A β) in the cerebral cortex is a critical event in the pathogenesis of Alzheimer's disease. β -amyloid protein precursor (APP) is cleaved by β -secretase, producing a soluble derivative of the protein and a membrane anchored 99-amino acid carboxy-terminal fragment (C99). The C99 fragment serves as substrate for γ -secretase to generate the 4 kDa amyloid- β peptide (A β), which is deposited in the brains of all sufferers of Alzheimer's disease.

FORM:

Purified IgG in PBS containing 0.02% Sodium Azide

IMMUNOGEN:

A peptide corresponding to amino acids 737 to 751 of human amyloid A4 protein precursor (APP) or 89 to 99 of the C99 fragment generated by β -secretase cleavage. The sequence of this peptide is identical to those of monkey, mouse, rat, chicken and variety of other species.

APPLICATION:

Immunoblotting (min. dilution 1:500)

REACTIVITY/SPECIES:

Human, mouse, rat

RECOMMENDED FOR**POSITIVE CONTROL:**

Murine brain lysate

STORAGE:

2-8°C for immediate use, or at -20°C (aliquot)

12-2136-1 Blocking peptide available**REFERENCES:**Ponte, P. et al. (1988) Nature **331**: 525-527Selkoe, DJ. et al. (1994) Annu Rev Cell Biol **10**: 373-403

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