

Product: Anti-APP (Ab -NT)
Catalog #: 12-2133
Amount: 25 mg

CATEGORY:
DESCRIPTION:

Rabbit Polyclonal

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:
IMMUNOGEN:

Purified IgG in PBS containing 0.02% Sodium Azide
A peptide corresponding to amino acids 653 to 662 of human amyloid A4 protein precursor (APP) or 1 to 10 of the 4K A β peptide generated by β - and γ -secretase. The sequence of this peptide is identical to those of rabbit, pig, bovine, guinea pig, and chicken.

APPLICATION:
REACTIVITY/SPECIES:
RECOMMENDED FOR

Immunoblotting (min. dilution 1:500)
Human, mouse, rat

POSITIVE CONTROL:
STORAGE:

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

12-2133-1 Blocking peptide available

REFERENCES:

Ponte, P. et al. (1988) Nature **331**: 525-527
Selkoe, DJ. et al. (1994) Annu Rev Cell Biol **10**: 373-403

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