

## Beta Amyloid polyclonal antibody

Catalog: BS67359

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Amyloid  $\beta$  (A $\beta$ ) precursor protein (APP) is a 100-140 kDa transmembrane glycoprotein that exists as several isoforms. The amino acid sequence of APP contains the amyloid domain, which can be released by a two-step proteolytic cleavage. The extracellular deposition and accumulation of the released A $\beta$  fragments form the main components of amyloid plaques in Alzheimer's disease. APP can be phosphorylated at several sites, which may affect the proteolytic processing and secretion of this protein. Phosphorylation at Thr668 (a position corresponding to the APP695 isoform) by cyclin-dependent kinase is cell-cycle dependent and peaks during G2/M phase. APP phosphorylated at Thr668 exists in adult rat brain and correlates with cultured neuronal differentiation.

### Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~ 115 kDa

### Swiss-Prot:

P05067

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/2000)

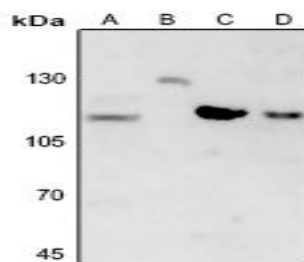
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of Beta Amyloid protein.

### DATA:



Western blot analysis of Beta Amyloid expression in HEK293T (A), mouse brain (B), mouse heart (C), H9C2 (D) whole cell lysates.

### Note:

For research use only, not for use in diagnostic procedure.

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