

APP/ β -Amyloid (phospho-T668) polyclonal antibody

Catalog: BCP00220

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

Proteolytic cleavage of the Amyloid protein precursor (APP) gives rise to the β -Amyloid and Amyloid A4 proteins, which are present in human platelets. Amyloid deposition is associated with type II diabetes, Down syndrome and a variety of neurological disorders, including Alzheimer's disease. The Amyloid precursor protein (APP) undergoes alternative splicing, resulting in several isoforms. Proteolytic cleavage of APP leads to the formation of the Amyloid β /A4 Amyloid protein. This protein is involved in the formation of neurofibrillary tangles and plaques that characterize the senile plaques of Alzheimer's patients. APLP1 (Amyloid precursor-like protein 1) and APLP2 are structurally similar to APP.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 70 to140 kDa

Swiss-Prot:

P05067

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

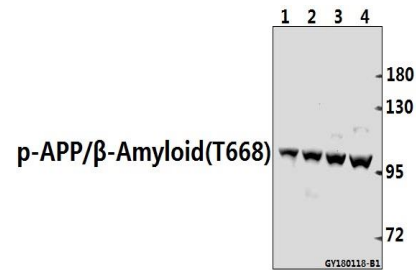
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-APP/ β -Amyloid (T668) polyclonal antibody detects

endogenous levels of APP695 protein only when phosphorylated at Thr668 (or the corresponding position on other isoforms).

DATA:



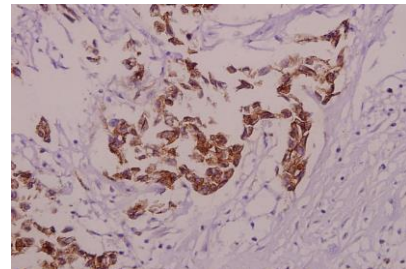
Western blot (WB) analysis of p-APP/ β -Amyloid (T668) pAb at 1:500 dilution

Lane1:The Kidney tissue lysate of Mouse(20ug)

Lane2:The Uterus tissue lysate of Rat(20ug)

Lane3:Panc1 whole cell lysate(20ug)

Lane4:PC3 whole cell lysate(20ug)



Immunohistochemistry (IHC) analyzes of p-APP/ β -Amyloid (T668) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

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