

Synphilin-1 (R846) polyclonal antibody

Catalog: BCP01591

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

Synphilin-1 (α -synuclein interacting protein, SNCAIP) is a 919 amino acid protein that associates with α synuclein and promotes the formation of cytosolic inclusions in neuronal cells. The synuclein family members, including α -synuclein and β -synuclein, are predominantly expressed in the brain, where they influence synaptic regulation and neuronal plasticity. Synphilin-1 contains modular protein domains, such as ankyrin-like repeats and a coiled-coil domain. While both α -synuclein and synphilin-1 are coexpressed in Lewy bodies of patients with Parkinson's disease, only mutations in the gene for α -synuclein have been determined to confer pathogenicity.

Product:

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

Molecular Weight:

~ 100 kDa

Swiss-Prot:

Q9Y6H5

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

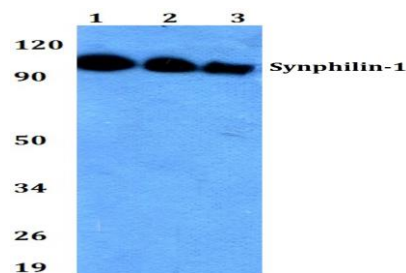
Storage&Stability:

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

Specificity:

Synphilin-1 (R846) polyclonal antibody detects endogenous levels of Synphilin-1 protein.

DATA:



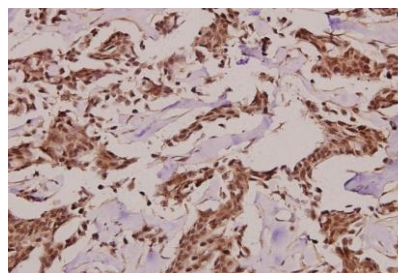
Western blot (WB) analysis of Synphilin-1 (R846) pAb at 1:500 dilution

Lane1:3T3-L1 whole cell lysate(40ug)

Lane2:C6 whole cell lysate(40ug)

Lane3:Hela whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Synphilin-1 (R846) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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