Neurexophilin-1 (I109) polyclonal antibody

Catalog: BCP01174 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Neurexophilin-1 (also known as NPH1 or NXPH1), Neurexophilin-2 (also known as NPH2 or NXPH2) and Neurexophilin-3 (also known as NPH3 or NXPH3) are members of the Neurexophilin family (Neurexophilin-1-4) of neuropeptide-like glycoproteins that are proteolytically processed after synthesis. Neurexophilin-1-3 are secreted proteins that are thought to function as signaling molecules which specifically bind to target proteins, such as neurexin Iα (a protein that promotes adhesion between dendrites and axons), and are essential for proper neurotransmitter release. While Neurexophilin-1 is located primarily in spleen tissue, Neurexophilin-2 is expressed primarily in kidney and both Neurexophilin-2 and Neurexophilin-3 are highly expressed in brain. Defects in the gene encoding Neurexophilin-1 may be associated with schizophrenia, a mental disorder characterized by an abnormal perception of reality.

Product:

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

Molecular Weight:

~ 45 kDa

Swiss-Prot:

P58417

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

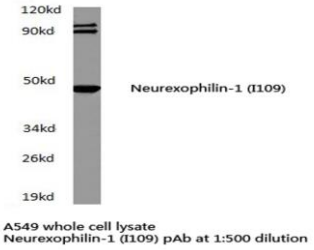
Storage&Stability:

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

Specificity:

Neurexophilin-1 (I109) polyclonal antibody detects endogenous levels of Neurexophilin-1 protein.

DATA:



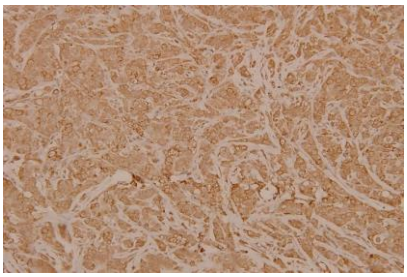
Western blot (WB) analysis of Neurexophilin-1 (I109) pAb at 1:500 dilution

Lane1:The Lung tissue lysate of Mouse(40ug)

Lane2:The Lung tissue lysate of Rat(40ug)

Lane3:H1792 whole cell lysate(40ug)

Lane4:Hela whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Neurexophilin-1 (I109) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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