

Neurexophilin-1 (I109) polyclonal antibody

Catalog: BS3890

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 I α (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:

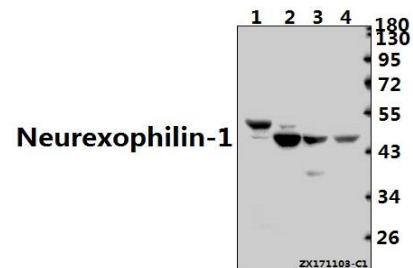
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

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

DATA:



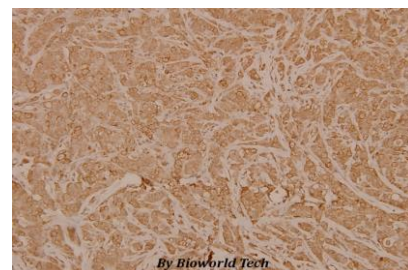
Western blot (WB) analysis of Neurexophilin-1 (I109) pAb at 1:500 dilution

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.

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