

Neurexophilin-4 (P248) polyclonal antibody

Catalog: BS3345

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Members of the Neurexophilin family are neuropeptide-like glycoproteins that undergo proteolytic processing after synthesis. As secreted proteins, Neurexophilins are thought to function as signaling molecules which specifically bind to target proteins, such as neuexin Ia (a protein that promotes adhesion between dendrites and axons), and are essential for proper neurotransmitter release. Neurexophilins contain five common domains including a variable N-terminal domain, a highly conserved N-glycosylated central domain, a short linker region and a cysteine-rich conserved C-terminal domain. Neurexophilin-4, also known as NXPH4 or NPH4, is a 308 amino acid secreted protein belonging to the neurexophilin family. Neurexophilin-4 is expressed in brain, spleen and testis.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 33 kDa

Swiss-Prot:

O95158

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:

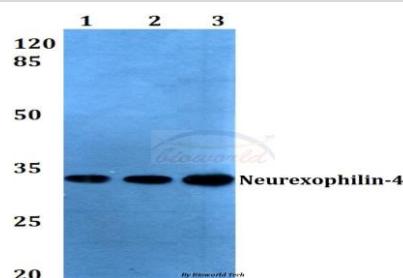
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Neurexophilin-4 (P248) polyclonal antibody detects endogenous levels of Neurexophilin-4 protein.

DATA:

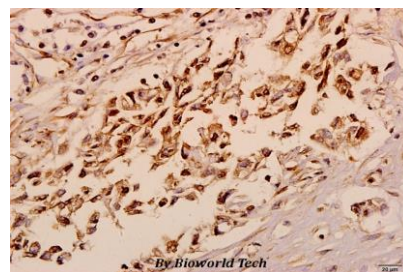


Western blot (WB) analysis of Neurexophilin-4 (P248) polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:PC12 whole cell lysate



Immunohistochemistry (IHC) analyzes of Neurexophilin-4 (P248) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

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

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