

LPHN1 polyclonal antibody

Catalog: BS60778

Host: Rabbit

Reactivity: Human

BackGround:

The Latrophilin family of G protein-coupled receptors consists of three members, latrophilin-1, 2 and 3, each of which displays distinct tissue distribution and function. Latrophilin-1, the most characterized member of this family, acts as a receptor for α -latrotoxin, a component of venom from the black widow spider. Binding of α -latrotoxin to latrophilin-1 triggers synaptic vesicle exocytosis via both Ca^{2+} -dependent and -independent mechanisms, resulting in vesicle depletion. Latrophilin-1 is abundant in brain and present in endocrine cells. Latrophilin-3 is also brain-specific, whereas latrophilin-2 expression is ubiquitous.

Product:

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

Molecular Weight:

~ 163 kDa

Swiss-Prot:

O94910

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

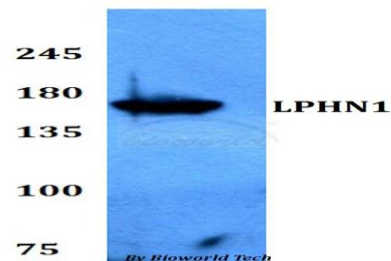
Storage&Stability:

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

Specificity:

LPHN1 polyclonal antibody detects endogenous levels of LPHN1 protein.

DATA:



Western blot (WB) analysis of LPHN1 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Note:

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

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