NAV3 polyclonal antibody

Catalog: BS60196	Host: Rabbit	Reactivity: Human,Mouse,Rat

BackGround:

Neuron navigator 3 (NAV3), also known as pore membrane and/or filamentinteracting-like protein 1 (POM-FIL1), unc-53 homolog 3 (unc53H3) or STEERIN3, is a 2,385 amino acid protein that localizes to the nuclear outer membrane and plays a role in neuron regeneration. Existing as three alternatively spliced isoforms, Neuron navigator 3 is highly expressed in adult and fetal brain and is found at moderate to low levels in ovary, lung, testis, placenta and heart. Neuron navigator 3 is thought be involved in the regulation of IL-2 production and contains one CH (calponin-homology) domain, three N-terminal hydrophobic domains, multiple N-glycosylation sites, three ATP/GTP-binding A motifs (P loops) and several phosphorylation sites.

Product:

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

Molecular Weight:

~ 256 kDa

Swiss-Prot:

Q8IVL0

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).
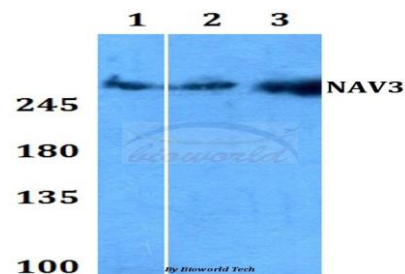
Applications:

WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

NAV3 polyclonal antibody detects endogenous levels of NAV3 protein.

DATA:

Western blot (WB) analysis of NAV3 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

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