

NCKIPSD polyclonal antibody

Catalog: BS60711

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

SPIN90 (also known as NCK-interacting protein with SH3 domain, diaphanous protein-interacting protein, DIP-1) is a 722 amino acid protein encoded by the human gene SPIN90. SPIN90 is a nuclear protein containing an SH3 domain, a proline-rich domain and a bipartite nuclear localization signal. The SH3 domain of SPIN90 has high homology with that of FYN. SPIN90 plays an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1) and can induce microspike formation in vivo. SPIN90 facilitates the assembly of myofibrils into sarcomeres and mediates the maintenance of these sarcomeres. It is also believed to regulate Actin polymerization and cell adhesion. A chromosomal aberration involving SPIN90/AF3p21 is found in therapy-related leukemia involving a translocation at t(3;11)(p21;q23) with MLL. This occurs when intron 6 of the mixed lineage leukemia (MLL) gene is fused at a point upstream of exon 1 in the AF3p21 gene and the chromosome forms an MLL-AF3p21 fusion transcript in leukemic cells. The MLL gene is frequently rearranged in leukemia, especially in infantile leukemia and therapy-related leukemia. The MLL gene is localized at chromosome 11q23, and is involved in almost all of the chromosomal translocations involving 11q23.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 79 kDa

Swiss-Prot:

Q9NZQ3

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

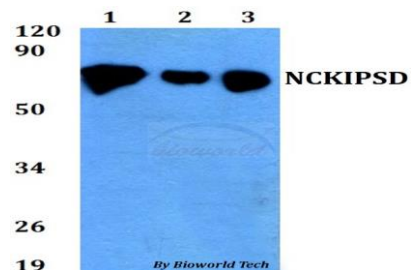
Storage&Stability:

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

Specificity:

NCKIPSD polyclonal antibody detects endogenous levels of NCKIPSD protein.

DATA:



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

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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

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