NIP45 polyclonal antibody

Catalog: BS62536 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

NFATc2IP (NFATc2-interacting protein), also known as NIP45, is a 419 amino acid protein that localizes to both the nucleus and the cytoplasm and contains one ubiquitin-like domain. Interacting with NFATc2, TRAF1 and TRAF2, NFATc2IP plays a role in the inducible expression of cytokines in T-cells, specifically by enhancing NFATc2-induced interleukin (IL) production. NFATc2IP exists as three alternatively spliced isoforms and is subject to post-translational methylation; an event which augments NFATc2IP-regulated cytokine production. The gene encoding NFATc2IP maps to human chromosome 16p11.2, which encodes over 900 genes and comprises nearly 3% of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.

Product:

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

Molecular Weight:

~ 60 kDa

Swiss-Prot:

Q8NCF5

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

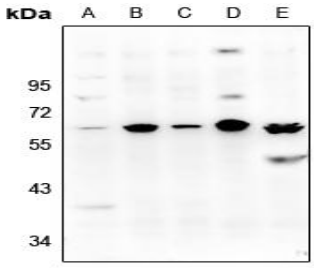
Storage&Stability:

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

Specificity:

NIP45 polyclonal antibody detects endogenous levels of NIP45 protein.

DATA:



Western blot (WB) analysis of NIP45 polyclonal antibody at 1:500 dilution

LaneA:Hela whole cell lysate

LaneB:HEK293T whole cell lysate

LaneC:MCF-7 whole cell lysate

LaneD:SP2/0 whole cell lysate

LaneE:C6 whole cell lysate

Note:

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

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151