

NDFIP1 polyclonal antibody

Catalog: BS61770

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Nedd4 family interacting protein-1 (Ndfip1), also referred to as N4WBP5, is a member of a family of highly conserved proteins. It has three transmembrane domains in its carboxy terminal and two PY motifs in its amino terminal. Ndfip1 is a 221 amino acid, Golgi-associated protein that may play a role in Golgi structure and function. Ndfip1 binds the WW domains of a number of Nedd4 family members called HECT-type E3 ubiquitin ligases. Ndfip1 is strongly expressed in surviving neurons around a site of injury. This suggests that ubiquitination may be a possible survival strategy and Ndfip1 may act as a neuro-protective protein. Ndfip1 may also have an effect on the function of Itch, another E3 ubiquitin ligase. Expression of Ndfip1 and its association with Itch may be promoted by T cell activation. Mice lacking Ndfip1 exhibit inactivation of Itch and accumulation of JunB causing them to die prematurely with severe skin and lung inflammation.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 24 kDa

Swiss-Prot:

Q9BT67

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

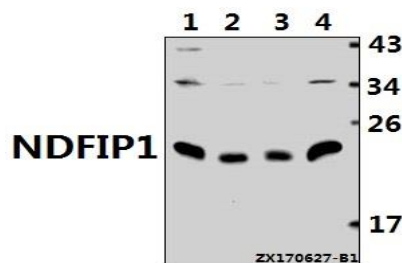
Storage&Stability:

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

Specificity:

NDFIP1 polyclonal antibody detects endogenous levels of NDFIP1 protein.

DATA:



Western blot (WB) analysis of NDFIP1 polyclonal antibody at 1:500 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:AML-12 whole cell lysate(40ug)

Lane3:HepG2 whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Note:

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

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