TP53INP2 polyclonal antibody

Catalog: BS61399 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

TP53INP2 (tumor protein p53 inducible nuclear protein 2), also known as DOR or PINH, is a 220 amino acid nuclear protein that is expressed in developing murine brain and spinal cord, as well as in the sensory and motor neuron tracts of the peripheral nervous system. A novel protein involved in the autophagy of mammalian cells, TP53INP2 translocates from the nucleus to the autophagosome structures after activation of autophagy by rapamycin or starvation. Necessary for autophagosome development and considered a scaffold protein, TP53INP2 recruits LC3 and/or LC3-related proteins, such as GABARAP and GABARAP-like2, to the autophagosome membrane by interacting with the transmembrane protein TMEM49. The gene encoding TP53INP2 is located on human chromosome 20, which is comprised of approximately 2% of the human genome and contains nearly 63 million bases that encode over 600 genes.

Product:

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

Molecular Weight:

~ 23 kDa

Swiss-Prot:

Q8IXH6

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

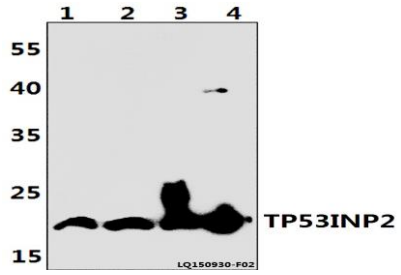
Storage&Stability:

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

Specificity:

TP53INP2 polyclonal antibody detects endogenous levels of TP53INP2 protein.

DATA:



Western blot (WB) analysis of TP53INP2 polyclonal antibody at 1:500 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:NIH-3T3 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:RAW264.7 whole cell lysate(40ug)

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