TRIM36 polyclonal antibody

Catalog: BS35186 Host: Rabbit Reactivity: Human, Mouse

BackGround:

E3 ubiquitin-protein ligase which mediates ubiquitination and subsequent proteasomal degradation of target proteins including CTNNB1, FOXA2 and AKT1 . Involved in chromosome segregation and cell cycle regulation . May play a role in the acrosome reaction and fertilization. Inhibits lung fibroblast proliferation, migration, and differentiation. Mechanistically, mediates 'Lys-48'-linked polyubiquitination of phospho-AKT1, leading to its proteasomal degradation and consequent inhibition of AKT signaling . Promotes apoptosis via inhibition of the Wnt/beta-catenin signaling pathway . Regulates ferroptosis by ubiquitinating and degrading FOXA2

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~83.0 kDa

Swiss-Prot:

Q9NQ86

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of TRIM36 protein

DATA:

Western blot analysis of CDK4 expression in COS7 (A), NIH/3T3 (B) whole cell lysates.

Immunohistochemical analysis of CDK4 staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Flow cytometric analysis of HeLa cells using Anti-CDK4 Antibody (green) and negative control (red).

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