

FBXO24 polyclonal antibody

Catalog: BS31207

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

F-box only protein 24: Substrate recognition component of an SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Specifically recognizes the deacetylated form of nucleoside diphosphate kinase A/NME1 and targets it for ubiquitin-mediated degradation. Functions as a key regulator of cell proliferation by targeting PRMT6 for ubiquitination and proteasomal degradation, leading to cell cycle inhibition. Also mediates 'Lys-6'-linked polyubiquitination of the mitochondrial S-adenosylmethionine transporter SLC25A26, targeting it for degradation and thereby maintaining mitochondrial function during spermiogenesis (By similarity). Promotes ubiquitination and degradation of mitochondrial aspartyl-tRNA synthetase DARS2, contributing to immunosuppressive activity. In the nucleus, targets FOXK2 for ubiquitin-media...

Product:

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

Molecular Weight:

~64.9 kDa

Swiss-Prot:

O75426

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000)

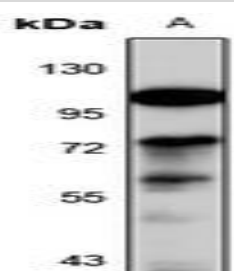
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of FBXO24 protein

DATA:



Western blot analysis of CCR10 expression in HCT116 (A), mouse lung (B), mouse kidney (C), rat lung (D), rat kidney (E) whole cell lysates.

Immunohistochemical analysis of CCR10 staining in human liver 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.

Immunofluorescent analysis of CCR10 staining in COS7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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@bioworld.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