



PRODUCT DATA SHEET

Bioworld Technology, Inc.

CUL9 polyclonal antibody

Catalog: BS36121

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Cullin-9: Core component of a Cul9-RING ubiquitin-protein ligase complex composed of CUL9 and RBX1. The CUL9-RBX1 complex mediates ubiquitination and subsequent degradation of BIRC5 and is required to maintain microtubule dynamics and genome integrity. Acts downstream of the 3M complex, which inhibits the ubiquitination of BIRC5. The CUL9-RBX1 complex also mediates mono-ubiquitination of p53/TP53. Acts as a cytoplasmic anchor protein in p53/TP53-associated protein complex. Regulates the subcellular localization of p53/TP53 and its subsequent function. Ubiquitinates apurinic/apyrimidinic endodeoxyribonuclease APEX2. Ubiquitination by the CUL9-RBX1 complex is predominantly mediated by E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2D2.

Product:

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

Molecular Weight:

~281 kDa

Swiss-Prot:

Q8IWT3

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

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 CUL9 protein

DATA:

Western blot analysis of Collagen 4 expression in HEK293T (A), Panc1 (B), MCF7 (C), PC3 (D) whole cell lysates.

Immunohistochemical analysis of Collagen 4 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.

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