CUL1 (Y761) polyclonal antibody

Catalog: BS1081 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

CUL-1, which is the mammalian homolog of yeast Cdc53, is an integral component of the E3 ubiquitin ligase complex designated SCF. The SCF (Skp1/CUL-1/F-box protein complex) consists of Skp1 associating with both CUL-1 and an F-box protein, such as Skp2, which determines the substrate specificity of the complex. CUL-1-mediated ubiquitination results in the degradation of cell cycle proteins cyclin D, p21 and cyclin E. Another cullin, CUL-3, facilitates the degradation of cyclin E independent of SCF activity, while CUL-2 associates with the tumor suppressing protein VHL and elongin B to form VBC complexes, which structurally resemble the SCF ligase.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 90 kDa

Swiss-Prot:

Q13616

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

IHC: 1:50~1:200

IF: 1:50~1:200

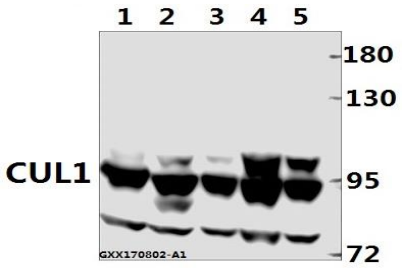
Storage&Stability:

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

Specificity:

Cullin 1 (Y761) polyclonal antibody detects endogenous levels of Cullin 1 protein.

DATA:



Western blot (WB) analysis of CUL1 (Y761) pAb at 1:500 dilution

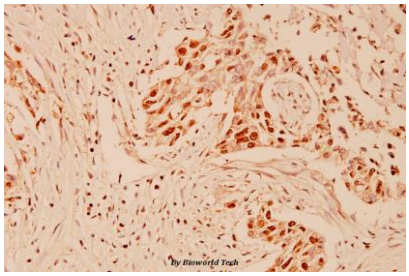
Lane1:The Brain tissue lysate of Rat(40ug)

Lane2:The Lung tissue lysate of Rat(40ug)

Lane3:The Lung tissue lysate of Mouse(40ug)

Lane4:A549 whole cell lysate(40ug)

Lane5:HCC827 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of CUL-1 (Y761) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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