XRCC6 (Acetyl-K338) polyclonal antibody

Catalog: BS64099 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The Ku protein islocalized in the nucleus and iscomposed of subunits referred to as Ku-70 (or p70) and Ku-86 or (p86). Ku wasfirst described as an autoantigen to which antibodies were produced in a patient with scleroderma polymyositis overlap syndrome, and waslater found in the sera of patients with other rheumatic diseases. Both subunits of the Ku protein have been cloned, and a number of functions have been proposed for Ku, including cellsignaling, DNA replication and transcriptional activation. Ku is involved in Pol II-directed transcription byvirtue of its DNA binding activity,serving as the regulatory component of the DNA-associated protein kinase that phosphorylates Pol II and transcription factor Sp. Ku proteins also activate transcription from the U1 small nuclear RNA and the human transferrin receptor gene promoters. A Ku-related protein designated the enhancer binding factor (E1BF),composed of two subunits, has been identified as a positive regulator of RNA polymerase I transcription initiation.

Product:

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

Molecular Weight:

~ 69 kDa

Swiss-Prot:

P12956

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

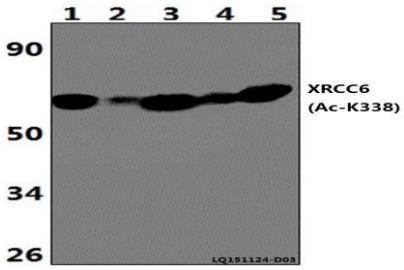
Storage&Stability:

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

Specificity:

XRCC6 (Acetyl-K338) polyclonal antibody detects endogenous levels of XRCC6 protein only when acetylated at Lys338.

DATA:



Western blot (WB) analysis of XRCC6 (Acetyl-K338) polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug))

Lane3:NIH-3T3 whole cell lysate(40ug)

Lane4:H9C2 whole cell lysate(40ug)

Lane5:HEK293T 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