

# Ku-70 (Acetyl Lys331) Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP04887

Host Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized Acetyl-peptide derived from human Ku70 around the

Acetylation site of Lys331. AA range:291-340

Mol wt 69843

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Ku-70 (Acetyl Lys331) Antibody

Synonyms XRCC6; G22P1; X-ray repair cross-complementing protein 6; 5'-deoxyribose-5-phosphate lyase Ku70; 5'-

dRP lyase Ku70; 70 kDa subunit of Ku antigen; ATP-dependent DNA helicase 2 subunit 1; ATP-dependent

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

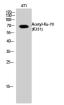
The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus.

### Recommended Dilution

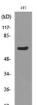
WB: 1: 500 - 1: 2000 ELISA: 1: 20000

Not yet tested in other applications.

## **Images**



Western Blot analysis of 4T1 cells using Acetyl-Ku-70 (K331) Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western blot analysis of lysate from 4T1 cells, using Ku70 (Acetyl-Lys331) Antibody.

# Storage

-20°C for one year

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