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KU70 Polyclonal Antibody

Cat #: G-AB-11634

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
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.

Gene ID: 2547

Accession #:

Immunogen: Recombinant fusion protein of human KU70 (NP_001460.1).

Conjugation: Unconjugated

Swissprot: P12956

Calculated Molecular Weight: 65 kDa/69 kDa

Observed Molecular Weight: 70 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB,IHC,IF

Dilution: WB 1:500-1:2000 IHC 1:50-1:100 IF 1:50-1:100

Storage: Store at -20°C. Avoid freeze / thaw cycles.