

KU70 Polyclonal Antibody

catalog number: E-AB-67404

Note: Centrifuge before opening to ensure complete recovery of vial contents.

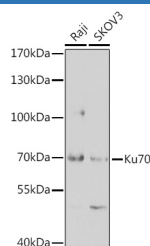
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human KU70
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

WB	1:500-1:2000
IHC	1:50-1:200

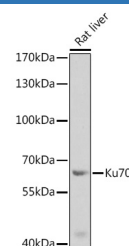
Data



Western blot analysis of extracts of various cell lines using Ku70 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:68 kDa

Calculated-MW:65 kDa/69 kDa



Western blot analysis of extracts of rat liver using Ku70 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:68 kDa

Calculated-MW:65 kDa/69 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.

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