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Performance guaranteed

Ku70 Polyclonal Antibody

Catalog Number **PA5-27548**

Product data sheet

Details

Size	100 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 290 of Human Ku70
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol
Contains	0.01% thimerosal
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity

Species reactivity	Human

Tested Applications	Dilution *
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Western Blot (WB)	1:500-1:3,000
Immunocytochemistry (ICC/IF)	1:100-1:1,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

Recommended positive controls: 293T, A431, Jurkat, Raji. Predicted reactivity: Mouse (90%), Rat (91%), Pig (88%), Chimpanzee (100%), Bovine (87%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

XRCC6 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.

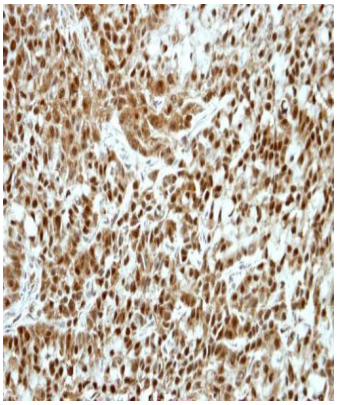
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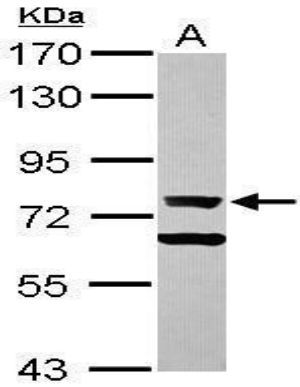
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Product Images For Ku70 Polyclonal Antibody



Ku70 Antibody (PA5-27548) in IHC (P)

Immunohistochemical analysis of paraffin-embedded A549 xenograft, using Ku70 (Product # PA5-27548) antibody at 1:100 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



Ku70 Antibody (PA5-27548) in WB

Western Blot using Ku70 Polyclonal Antibody (Product # PA5-27548). Sample (30 µg of whole cell lysate). Lane A: Raji. 7.5% SDS PAGE. Ku70 Polyclonal Antibody (Product # PA5-27548) diluted at 1:1,000.

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