

Ku70 antibody

Cat. No. GTX101820

| | |
|---------------------|----------------------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Applications | WB, ICC/IF, IHC-P, IP, PLA |
| Reactivity | Human, Mouse |

References (21)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| ICC/IF | 1:100-1:1000 |
| IHC-P | 1:100-1:1000 |
| IP | 1:500-1:1000 |
| PLA | Assay dependent |

Not tested in other applications.

Calculated MW 70 kDa. ([Note](#))

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | PBS, 20% Glycerol; 1% BSA |
| Preservative | 0.025% ProClin 300 |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.25 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the C-terminus region of human Ku70. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |

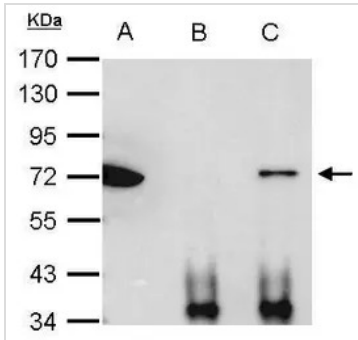


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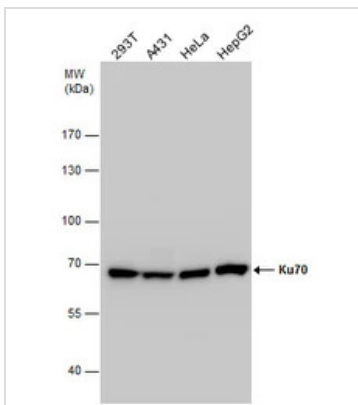
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DATA IMAGES



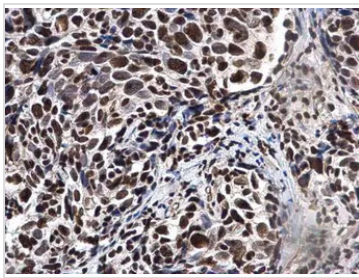
GTx101820 IP Image

Ku70 antibody immunoprecipitates Ku70 protein in IP experiments. IP Sample: 1000 µg HeLa whole cell lysate/extract A. 40 µg HeLa whole cell lysate/extract B. Control with 2.5 µg of preimmune rabbit IgG C. Immunoprecipitation of Ku70 protein by 2.5 µg of Ku70 antibody (GTx101820) 7.5% SDS-PAGE The immunoprecipitated Ku70 protein was detected by Ku70 antibody (GTx101820) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTx221666-01) was used as a secondary reagent.



GTx101820 WB Image

Ku70 antibody detects Ku70 protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Ku70 antibody (GTx101820) diluted by 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx101820 IHC-P Image

Ku70 antibody detects Ku70 protein at nucleus in human cervical cancer by immunohistochemical analysis. Sample: Paraffin-embedded human cervical cancer. Ku70 antibody (GTx101820) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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