

Ku80 antibody [N3C2], Internal

Cat. No. GTX109935

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

References (9)

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 | 1:100-1:500 |
| PLA | Assay dependent |

Not tested in other applications.

Calculated MW 83 kDa. ([Note](#))

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | PBS, 1% BSA, 20% Glycerol |
| 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 | 0.41 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human Ku80. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |

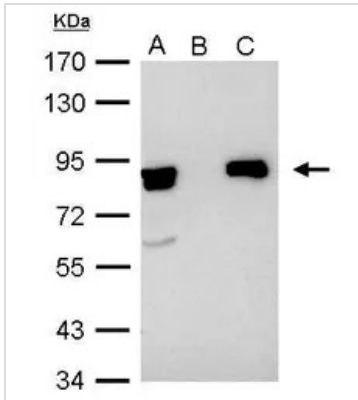


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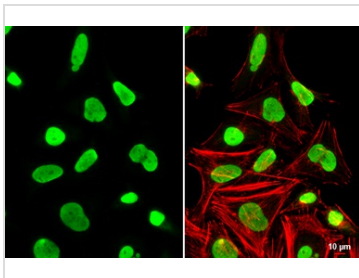
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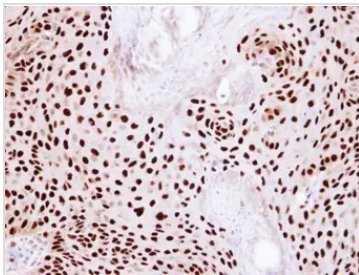
DATA IMAGES

**GTX109935 IP Image**

Ku80(XRCC5) antibody immunoprecipitates Ku80 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 Ku80 protein by 2.5 µg of Ku80 antibody (GTX109935) 7.5% SDS-PAGE The immunoprecipitated Ku80 protein was detected by Ku80 antibody (GTX109935) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent.

**GTX109935 ICC/IF Image**

Ku80 antibody [N3C2], Internal detects Ku80 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Ku80 stained by Ku80 antibody [N3C2], Internal (GTX109935) diluted at 1:1000. Red: phalloidin, a cytoskeleton marker, diluted at 1:200. Scale bar= 10 µm.

**GTX109935 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded Cal27 Xenograft, using Ku80 (XRCC5)(GTX109935) antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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