

Ku70 Antibody (YA319)

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| Cat. No.: | HY-P80736 |
| Synonyms: | Ku70 Antibody (YA319) is a non-conjugated and Rabbit originated monoclonal antibody about 70 kDa, targeting to Ku70. It can be used for WB,IHC-F,IHC-P,ICC/IF assays with tag free, in the background of Human. |
| Host: | Rabbit |
| Reactivity: | Human |
| Conjugation: | Non-conjugated |
| SwissProt ID: | P12956 |
| Research Field: | Epigenetics and Nuclear Signaling |
| Molecular Weight: | Predicted band size: 70 kDa |

PROPERTIES

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| Formulation | Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide | |
| Purity | affinity purified | |
| Storage & Stability | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles. | |
| Appearance | Liquid | |
| Application & Dilution Ratio | Application | Dilution Ratio |
| | WB | 1:500-1:1,000 |
| | IHC | 1:50-1:100 |
| | IF | 1:50-1:200 |
| Shipping | Shipping with blue ice. | |

DESCRIPTION

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| Background | Ku70: 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. [provided by RefSeq, Jul 2008] |
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Caution: Product has not been fully validated for medical applications. For research use only.

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