

## Rabbit anti-Human, Mouse Ku-70 Polyclonal Antibody | anti-Ku-70 antibody

Ku-70 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA305848 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

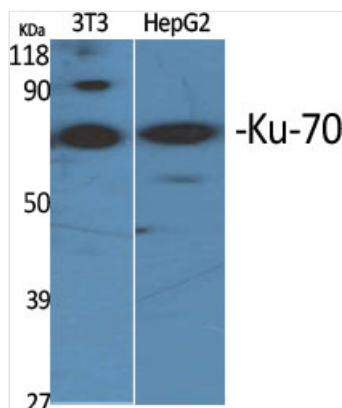
### PRODUCT SYNONYMS

Ku-70; Polyclonal Antibody; Ku-70 Polyclonal Antibody; XRCC6; G22P1; X-ray repair cross-complementing protein 6; 5'-deoxyribose-5-phosphate lyase Ku70; 5'-dRP lyase Ku70; 70 kDa subunit of Ku antigen; ATP-dependent DNA helicase 2 subunit 1; ATP-dependent DNA helicase II 70 kDa subunit; CTC box-; anti-Ku-70 antibody

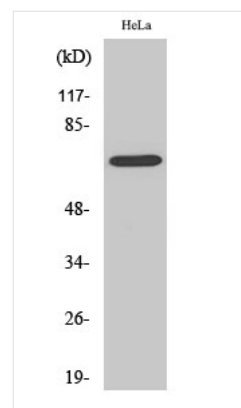
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                       |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                |
| Reactivity                                      | Human, Mouse                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                            |
| Specificity                                     | Ku-70 Polyclonal Antibody detects endogenous levels of Ku-70 protein.                                                 |
| Purity/Purification                             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Form/Format                                     | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                               |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                               |
| Sequence Length                                 | 609                                                                                                                   |
| Applicable Applications for anti-Ku-70 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen Type                                  | peptide                                                                                                               |
| Immunogen Description                           | Synthesized peptide derived from human Ku-70 around the non-phosphorylation site of S5.                               |
| Target Name                                     | Ku-70                                                                                                                 |
| Preparation and Storage                         | Store at -20 degree C/1 year                                                                                          |

### IMAGES


**WB (Western Blot)**

Western Blot analysis of NIH-3T3 HepG2 cells using Ku-70 Polyclonal Antibody


**WB (Western Blot)**

Western Blot analysis of COLO205 cells using Ku-70 Polyclonal Antibody

ADDITIONAL INFORMATION

|                                                   |                  |
|---------------------------------------------------|------------------|
| Product Categories/Family for anti-Ku-70 antibody | Total protein Ab |
|---------------------------------------------------|------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 573014815                                                              |
| NCBI GeneID                      | 2547                                                                   |
| NCBI Accession #                 | NP_001275905.1                                                         |
| NCBI GenBank Nucleotide #        | NM_001288976.1                                                         |
| UniProt Accession #              | P12956; Q6FG89; Q9UCQ2; Q9UCQ3; B1AHC8                                 |
| Molecular Weight                 | 65,149 Da                                                              |
| NCBI Official Full Name          | X-ray repair cross-complementing protein 6 isoform 1                   |
| NCBI Official Synonym Full Names | X-ray repair complementing defective repair in Chinese hamster cells 6 |
| NCBI Official Symbol             | XRCC6                                                                  |
| NCBI Official Synonym Symbols    | ML8; KU70; TLAA; CTC75; CTCBF; G22P1                                   |
| NCBI Protein Information         | X-ray repair cross-complementing protein 6                             |
| UniProt Protein Name             | X-ray repair cross-complementing protein 6                             |
| UniProt Gene Name                | XRCC6                                                                  |
| UniProt Synonym Gene Names       | G22P1; 5'-dRP lyase Ku70; CTC75; CTCBF; Ku70; TLAA                     |
| UniProt Entry Name               | XRCC6_HUMAN                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ku-70-antibody-immunohistochemistry-western-blot-elisa/305848>