

## Rabbit Ku70 Polyclonal Antibody | anti-Ku70 antibody

Anti-Ku70 (pS5) Antibody

|                               |                       |                                                |                                                           |
|-------------------------------|-----------------------|------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA292780</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Monkey</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------------------|-----------------------------------------------------------|

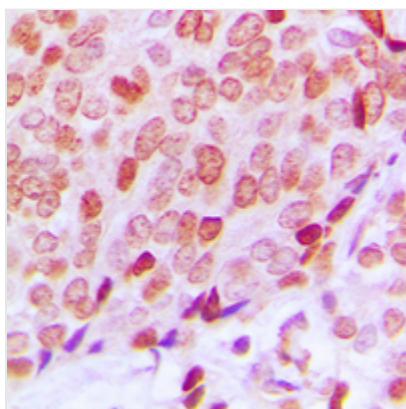
### PRODUCT SYNONYMS

Ku70; Polyclonal Antibody; Anti-Ku70 (pS5) Antibody; 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-binding factor 75 kDa subunit; CTC75; CTCBF; DNA repair protein XRCC6; Lupus Ku autoantigen protein p70; Thyroid-lupus autoantigen; TLAA; X-ray repair complementing defective repair in Chinese hamster cells 6; anti-Ku70 antibody

### PRODUCT SPECIFICATIONS

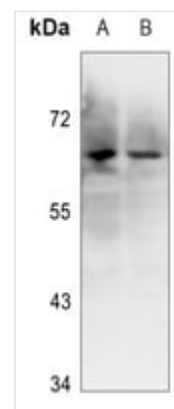
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat, Monkey                                                                                                                             |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-Ku70 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/200) Immunohistochemical analysis of Ku70 (pS5) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200) Western blot analysis of Ku70 (pS5) expression in H1688 (A), H446 (B) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                       |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Ku70 antibody | Rabbit polyclonal antibody to Ku70 (pS5)<br>KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Ku70 (pS5). The exact sequence is proprietary. |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4503841                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | 2547                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_001460.1                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_001469.3                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P12956; Q6FG89; Q9UCQ2; Q9UCQ3                                                                                                                                                                                                                                  |
| Molecular Weight                 | 69,843 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | X-ray repair cross-complementing protein 6                                                                                                                                                                                                                      |
| 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; 5'-dRP lyase Ku70; Ku autoantigen, 70kDa; DNA repair protein XRCC6; Ku autoantigen p70 subunit; 70 kDa subunit of Ku antigen; thyroid-lupus autoantigen p70; lupus Ku autoantigen protein p70; 5'-deoxyribose-5-pho |
| 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/ku70-antibody-immunohistochemistry-western-blot-elisa/292780>