

Rabbit anti-Human Ku70/XRCC6 Polyclonal Antibody | anti-XRCC6 antibody

Anti-Ku70/XRCC6 Antibody, Rabbit Polyclonal

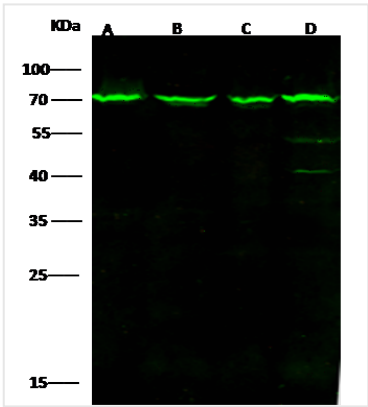
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254472	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Ku70/XRCC6; Polyclonal Antibody; Anti-Ku70/XRCC6 Antibody; Rabbit Polyclonal; XRCC6 Antibody; Rabbit PAb; Antigen Affinity Purified; X-ray repair complementing defective repair in Chinese hamster cells 6; Anti-CTC75 Antibody; Anti-CTCBF Antibody; Anti-G22P1 Antibody; Anti-KU70 Antibody; Anti-ML8 Antibody; Anti-TLAA Antibody; anti-XRCC6 antibody

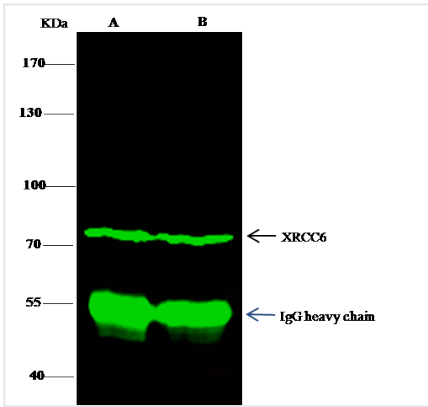
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human XRCC6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-XRCC6 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human XRCC6
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human XRCC6, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



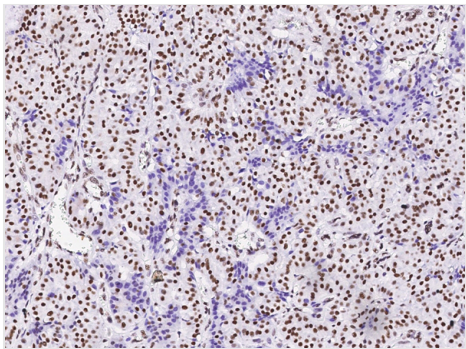
WB (Western Blot)

Anti-XRCC6 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lane B: Raji Whole Cell Lysate Lane C: A431 Whole Cell Lysate Lane D: MCF7 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 70 kDa Observed band size: 70 kDa



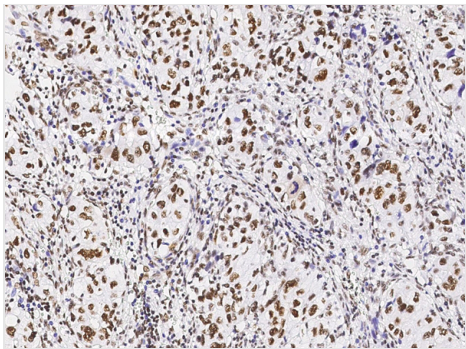
IP (Immunoprecipitation)

XRCC6 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate Lane B: 0.5 mg Raji Whole Cell Lysate 2 uL anti-XRCC6 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G. Primary antibody: Anti-XRCC6 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 70 kDa Observed band size: 70 kDa



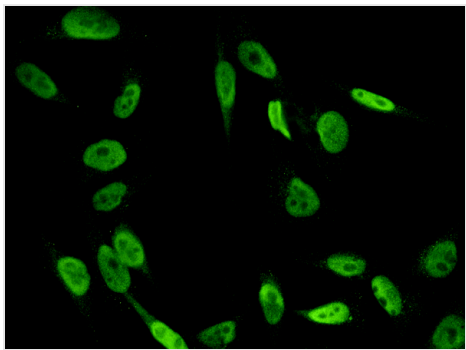
IHC (Immunohistochemistry)

Immunochemical staining of human XRCC6 in human breast carcinoma with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human XRCC6 in human renal carcinoma with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IF (Immunofluorescence)

Immunofluorescence staining of XRCC6 in HeLa cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-human XRCC6 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) Positive staining was localized to nucleus.

ADDITIONAL INFORMATION

Related Product Information for anti-XRCC6 antibody

XRCC6 (X-ray repair complementing defective repair in Chinese hamster cells 6) is involved in tumor growth in several tumor types. XRCC6 exerts tumor-promoting effects for OS through beta-catenin/Wnt signaling pathway. In addition, XRCC6 and XRCC7 are two DNA repair genes form an integral part of double-strand break repair (DSBR) pathway.

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-xrcc6-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/254472>