

Rabbit X-Ray Repair Cross Complementing 6 (XRCC6) Polyclonal Antibody | anti-XRCC6 antibody

Polyclonal Antibody to X-Ray Repair Cross Complementing 6 (XRCC6)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20315	Rabbit	Mouse, Human, Rat	Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot

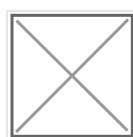
PRODUCT SYNONYMS

X-Ray Repair Cross Complementing 6 (XRCC6); Polyclonal Antibody; Polyclonal Antibody to X-Ray Repair Cross Complementing 6 (XRCC6); anti-XRCC6 antibody

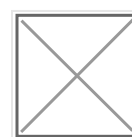
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against XRCC6. It has been selected for its ability to recognize XRCC6 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-TYGTRQIV LEKEETEELK RFDEPGLILM GFKPTVMLKK QHYLRPSLFV YPEESLVSGS STLFSALLTK CVEKKVAVC RYTPRKNVSP YFVALPQEE ELDDQNIQVT PGGFQLVFLP YADDKRKVPF TEKV TANQEQ IDKMKAIVQK LRFTYRSDSF ENPVLQQHFR NLEALALDMM ESEQVVDLTL PKVEAIKKRL GSLA
Applicable Applications for anti-XRCC6 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant XRCC6 (Thr319~Val538) expressed in E.coli.
Cross Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded heart tissue



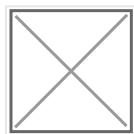
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Heart Tissue

**WB (Western Blot)**

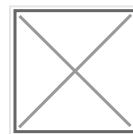
Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Human MCF7 cell lysate; Primary Ab: 3ug/ml Rabbit Anti-Mouse XRCC6 Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Human Hela cell lysate; Primary Ab: 3ug/ml Rabbit Anti-Mouse XRCC6 Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;

NCBI AND UNIPROT INFORMATION

NCBI GI #	145587104
NCBI GeneID	14375
NCBI Accession #	NP_034377.2
NCBI GenBank Nucleotide #	NM_010247.2
UniProt Accession #	P23475; O88212; Q3UJL8; Q62027; Q62382; Q62453; Q6GTV8; Q8QZX7
Molecular Weight	69,484 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	Ku70; 70kDa; 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; Ku70; 5'-dRP/AP lyase Ku70; CTC75; CTCBF; Ku70

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/x-ray-repair-cross-complementing-6-xrcc6-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/20315>