

Rabbit anti-Human XRCC1 Polyclonal Antibody | anti-XRCC1 antibody

XRCC1 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60015	Rabbit	Human	Western Blot, Immunofluorescence, Immunocytochemistry

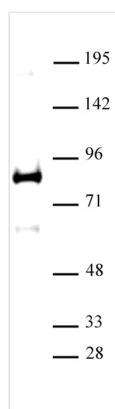
PRODUCT SYNONYMS

XRCC1; Polyclonal Antibody; XRCC1 antibody (pAb); RCC; anti-XRCC1 antibody

PRODUCT SPECIFICATIONS

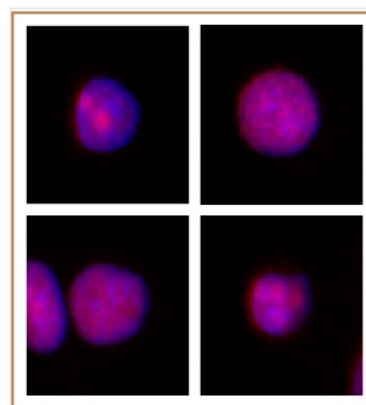
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-XRCC1 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	This antibody was raised against a recombinant protein corresponding to the N-terminal region of human XRCC1.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

XRCC1 antibody (pAb) tested by Western blot. XRCC1 detection by Western blot. The analysis was performed using 30 ug HeLa nuclear cell extract and XRCC1 at a 1:500 dilution.



IF (Immunofluorescence)

XRCC1 antibody (pAb) tested by Immunofluorescence. Formaldehyde fixed HeLa cells stained with XRCC1 antibody at a 1:2,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-XRCC1 antibody	Short Description: Our XRCC1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunocytochemistry, Immunofluorescence and Western blot; it has been shown to react with Human samples. Background: XRCC1 (X-ray repair complementing defective repair in Chinese hamster cells 1) corrects defective DNA strand-break repair and sister chromatid exchange following treatment with ionizing radiation and alkylating agents. XRCC1 is involved in the efficient repair of DNA single-strand breaks formed by exposure to ionizing radiation and alkylating agents. This protein interacts with DNA ligase III, polymerase beta and poly (ADP-ribose) polymerase (PARP) to participate in the base excision repair (BER) pathway.
Product Categories/Family for anti-XRCC1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	190684675
NCBI GeneID	7515
NCBI Accession #	NP_006288; AB_2793610
NCBI GenBank Nucleotide #	NM_006297
UniProt Accession #	P18887; Q6IBS4; Q9HCB1
Molecular Weight	69,477 Da
NCBI Official Full Name	DNA repair protein XRCC1
NCBI Official Synonym Full Names	X-ray repair complementing defective repair in Chinese hamster cells 1
NCBI Official Symbol	XRCC1
NCBI Official Synonym Symbols	RCC
NCBI Protein Information	DNA repair protein XRCC1; X-ray repair cross-complementing protein 1
UniProt Protein Name	DNA repair protein XRCC1
UniProt Gene Name	XRCC1
UniProt Entry Name	XRCC1_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/xrcc1-antibody-western-blot-immunofluorescence-immunocytochemistry-elisa/60015>