

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

Rabbit anti-Phospho XRCC1 (S485/T488) Antibody, Affinity Purified

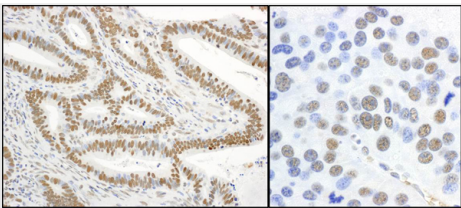
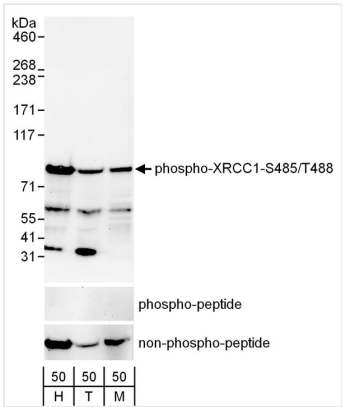
CATALOG # AAA210828	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

XRCC1; Polyclonal Antibody; Rabbit anti-Phospho XRCC1 (S485/T488) Antibody; Affinity Purified; Phospho (S485/T488); DNA repair protein XRCC1; X-ray repair cross-complementing protein 1; X-ray repair complementing defective repair in Chinese hamster cells 1; RCC; SCAR26; X-ray repair cross complementing 1; anti-XRCC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-XRCC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Surrounding serine 485 and threonine 488
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



IHC (Immunohistochemistry)
Detection of human and mouse Phospho-XRCC1-S485/T488 by immunohistochemistry. Sample: FFPE sections of human stomach carcinoma (left) and mouse renal cell carcinoma (right). Antibody: Affinity purified rabbit anti-Phospho-XRCC1-S485/T488 (Cat. No. AAA210828 Lot2) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

WB (Western Blot)
Detection of human and mouse Phospho-XRCC1-S485/T488 by western blot. Samples: Whole cell lysate (50 ug) from asynchronously growing HeLa (H), HEK293T (T) and mouse NIH-3T3 (M) cells. Antibodies: Affinity purified rabbit anti-Phospho-XRCC1-S485/T488 antibody AAA210828 (lot AAA210828-2) used for WB at 0.1 ug/ml. The binding of the antibody was blocked by pre-incubation with the phospho-peptide but was not blocked by pre-incubation with the non-phosphorylated peptide. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-XRCC1 antibody	X-ray repair cross-complementing protein 1 (XRCC1) has been identified as a gene that partially rescues a DNA repair defect and therefore plays a role in efficient repair of single-stranded breaks in DNA damage caused by ionizing radiation. XRCC1 interacts with human polynucleotide kinase, DNA polymerase-beta, and DNA ligase III in a multiprotein complex to execute the function of DNA repair.
Product Categories/Family for anti-XRCC1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	7515
UniProt Accession #	P18887
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-immunohistochemistry-western-blot-elisa/210828>