

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

Rabbit anti-Phospho XRCC1 (S518/T519/T523) IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213802	Rabbit	Human, Mouse	Immunohistochemistry, Immunohistochemistry

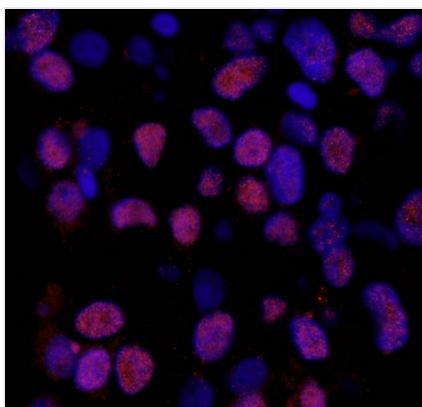
PRODUCT SYNONYMS

XRCC1; Polyclonal Antibody; Rabbit anti-Phospho XRCC1 (S518/T519/T523) IHC Antibody; Affinity Purified; Phospho (S518/T519/T523); 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

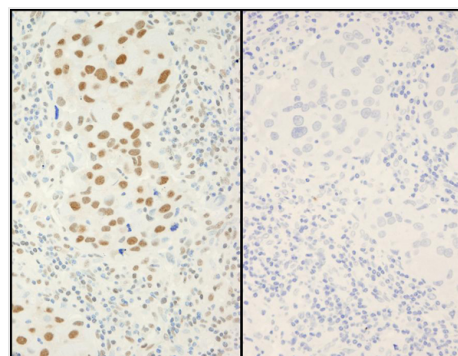
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	50ug/ml (varies by lot)
Applicable Applications for anti-XRCC1 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Gorilla, Chimpanzee
Immunogen	Surrounding serine 518 and threonine 519/523
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



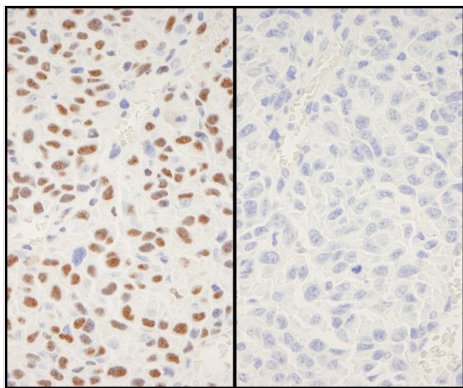
IHC (Immunohistochemistry)

Detection of human Phospho XRCC1 (S518/T519/T523) by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Phospho XRCC1 (S518/T519/T523) (Cat. No. AAA213802) used at a dilution of 1:100. Detection: Red-fluorescent Alexa Fluor 555 goat anti-rabbit IgG (Invitrogen) used at a dilution of 1:500.



IHC (Immunohistochemistry)

Detection of human Phospho XRCC1 (S518/T519/T523) by immunohistochemistry. Samples: FFPE serial sections of human breast adenocarcinoma. Mock phosphatase treated section (left) or calf intestinal phosphatase-treated section (right) immunostained for Phospho XRCC1 (S518/T519/T523). Antibody: Affinity purified rabbit anti-Phospho XRCC1 (S518/T519/T523) (Cat. No. AAA213802) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse Phospho XRCC1 (S518/T519/T523) by immunohistochemistry. Samples: FFPE serial sections of mouse squamous cell carcinoma. Mock phosphatase treated section (left) or calf intestinal phosphatase-treated section (right) immunostained for Phospho XRCC1 (S518/T519/T523). Antibody: Affinity purified rabbit anti-Phospho XRCC1 (S518/T519/T523) (Cat. No. AAA213802) used at a dilution of 1:250. Detection: DAB

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/xrcc1-antibody-immunohistochemistry-immunohistochemistry-elisa/213802>