

Rabbit XRCC1 Polyclonal Antibody | anti-XRCC1 antibody

XRCC1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313179	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

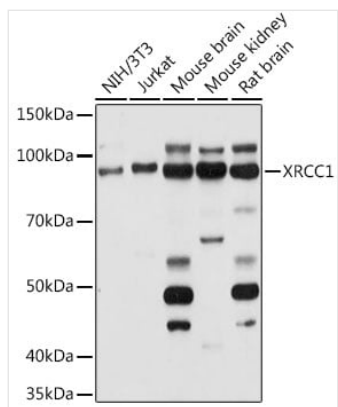
PRODUCT SYNONYMS

XRCC1; Polyclonal Antibody; XRCC1 Rabbit Polyclonal Antibody; RCC; anti-XRCC1 antibody

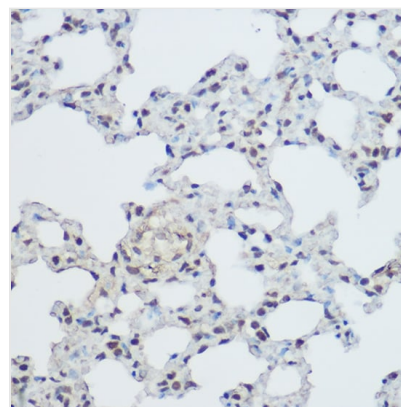
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-XRCC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human XRCC1 (NP_006288.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

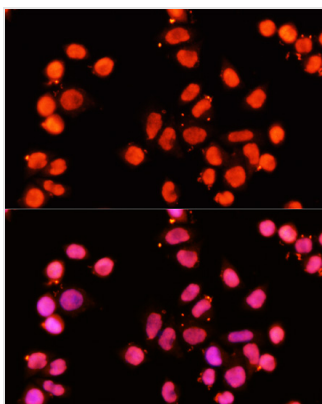
IMAGES


WB (Western Blot)

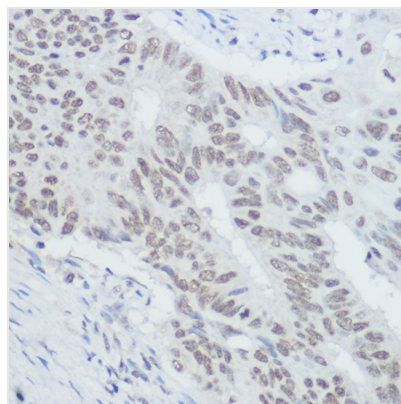
Western blot analysis of extracts of various cell lines, using XRCC1 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using XRCC1 Rabbit pAb.



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using XRCC1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using XRCC1 Rabbit pAb.

ADDITIONAL INFORMATION

Related Product Information for anti-XRCC1 antibody	The protein encoded by this gene 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 to participate in the base excision repair pathway. It may play a role in DNA processing during meiosis and recombination in germ cells. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity.
Product Categories/Family for anti-XRCC1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	190684675
NCBI GeneID	7515
NCBI Accession #	NP_006288.2
NCBI GenBank Nucleotide #	NM_006297.2
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; X-ray-repair, complementing defective, repair in Chinese hamster
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.