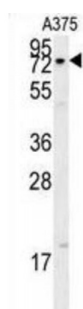
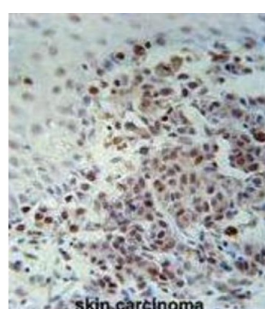
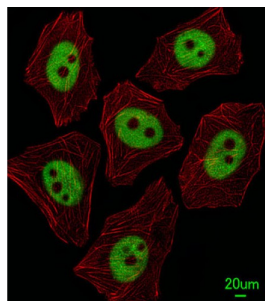


Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

X-Ray Repair Cross Complementing 1 (XRCC1) Antibody

Catalogue No.: abx032554



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.

Target:	XRCC1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC, IF/ICC, FCM

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

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Immunogen:	Human XRCC1.
Purification:	Peptide Affinity Purified Rabbit Polyclonal Antibody.
Isotype:	IgG
Conjugation:	Unconjugated
Specificity:	This XRCC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 407-435 amino acids from the Central region of human XRCC1.
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Swiss Prot:	<u>P18887</u>
Gene Symbol:	XRCC1
Buffer:	PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Note:	This product is for research use only.