



## XRCC1 Polyclonal Antibody

Cat No: HR1AP4824

For research use only

### Overview

Product Name	XRCC1 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	70kDa
GenID?Human?	XRCC1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	XRCC1; DNA repair protein XRCC1; X-ray repair cross-complementing protein 1
Background	X-ray repair cross complementing 1(XRCC1) Homo sapiens 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 meiogenesis and recombination in germ cells. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity. [provided by RefSeq, Jul 2008],