

XRCC1 rabbit pAb

Catalog No.	IPB14395
Reactivity	Human; Mouse; Rat
Applications	WB
Dilution	WB: 1:500-2000
Gene Name	XRCC1
Protein Name	XRCC1
Human Gene Id	7515
Swiss-Prot	P18887
Formulation	Liquid in PBS containing 50% glycerol, and 0.34% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Nucleus Moves from the nucleoli to the global nuclear chromatin upon DNA damage
MW	69630
Background	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

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