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XRCC1

Reactivity: Mouse

Tested applications:WB

Recommended Dilution:WB 1:1000 - 1:2000

Calculated MW:69kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human XRCC1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

e

Synonym:

RCC

Catalog #:A0442

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:7515

Isotype: IgG

Swiss Prot:P18887

Purity: Affinity purification

For research use only.

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 meiogenesis 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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