

Product Datasheet

XRCC1 Antibody



Catalog No: CY6820

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF

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Information

UniProt ID: P18887

All Names: DNA repair protein XRCC1; RCC; X ray repair complementing defective repair in chinese hamster; X ray repair cross complementing protein 1; XRCC 1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 90 kDa

Application

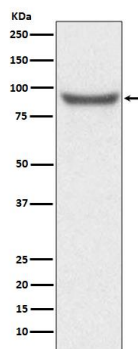
WB 1:500~1:2000

IHC 1:50~1:200

ICC/IF 1:50~1:200

Background

XRCC1 acts as a scaffold protein to coordinate DNA abasic site repair through interaction with several other repair proteins. At least eight XRCC1 protein partners have been identified, including the polynucleotide kinase PNK, DNA ligase III, poly (ADP-ribose) polymerase, and PCNA. Mutations and polymorphisms in the XRCC1 gene serve as diagnostic markers and are associated with elevated risk of various forms of cancers.



Western blot analysis of XRCC1 expression in HeLa cell lysate.

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