

XRCC4

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW:38kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human XRCC4

Storage Buffer:

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

Concentration:

1mg/ml

Synonym:

XRCC4;DNA repair protein XRCC4; X-ray repair cross-complementing protein 4;

Catalog #:A1677

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:7518

Isotype:IgG

Swiss Prot:Q13426

Purity:Affinity purification

For research use only.

Background:

The protein encoded by this gene functions together with DNA ligase IV and the DNA-dependent protein kinase in the repair of DNA double-strand break by non-homologous end joining and the completion of V(D)J recombination events. The non-homologous end-joining pathway is required both for normal development and for suppression of tumors. This gene functionally complements XR-1 Chinese hamster ovary cell mutant, which is impaired in DNA double-strand breaks produced by ionizing radiation and restriction enzymes. Alternative transcription initiation and alternative splicing generates several transcript variants. [provided by RefSeq, Sep 2008]

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