

XRCC4

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 38kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human XRCC4

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

be

Catalog #: A7539

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.

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