

EnoGene

XRCC4 Polyclonal Antibody

E91677

Catalog Number: E91677**Amount:** 100ul

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]

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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

Immunogen: Recombinant protein of human XRCC4

Purification: Affinity purification

Reactivity: H M R

Applications: WB IHC

Molecular Weight: 38kDa

Swiss-Prot No.: Q13426

Gene ID: 7518

WB 1:500 - 1:2000

IHC 1:50- 1:200

