



XRCC6 Polyclonal Antibody

E90883

Catalog Number: E90883**Amount:** 100ul

Background: X-ray repair cross-complementing protein 6 (XRCC6) gene encodes subunit p70 of the p70/p80 autoantigen which has a role in DNA repair or transposition. DNA helicase II complex binds preferentially to fork-like ends of double-stranded DNA in a cell cycle-dependent manner, which may be mediated by XRCC6. XRCC6/5 can form a heterodimer, which function as a regulatory subunit of the DNA-dependent protein kinase complex DNA-PK by increasing the affinity of the catalytic subunit PRKDC to DNA, and also it can stabilize broken DNA ends and bringing them together. Otherwise, XRCC5/6 heterodimer together with APEX1 can negatively regulate transcription

Species: Rabbit**Isotype:** IgG

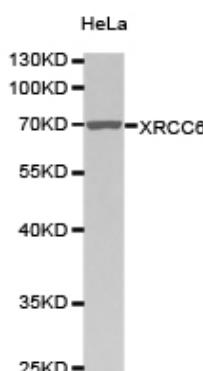
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: CTC75; CTCBF; G22P1; KU70; ML8; TLAA**Immunogen:** Recombinant protein of human XRCC6**Purification:** Affinity purification**Reactivity:** H**Applications:** WB IHC IF**Molecular Weight:** 75kDa**Swiss-Prot No.:** P12956**Gene ID:** 2547

WB 1:500 - 1:2000

IHC 1:50- 1:200

IF 1:20- 1:50



Western blot analysis of extracts of HeLa cells, using XRCC6 antibody.

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