

XRCC6

Reactivity:Human Rat

Tested applications:WB IHC IF IP FC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50
FC 1:20 - 1:50

Calculated MW:75kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human XRCC6

Storage Buffer:

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

Concentration:

ej

Synonym:

CTC75; CTCBF; G22P1; KU70; ML8; TLAA

Catalog #:A0883

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:2547

Isotype:IgG

Swiss Prot:P12956

Purity:Affinity purification

For research use only.

Background:

X-ray repair cross-complementing protein 6XRCC6gene 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 heterdimer, 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 heterdimer together with APEX1 can negatively regulate of transcription

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