

XRCC3 Polyclonal Antibody

Catalog No. E-AB-60628

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein of human XRCC3 (NP_001093588.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

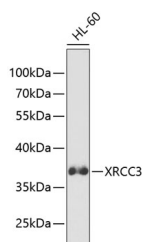
Applications Recommended Dilution

WB 1:500-1:2000 IHC

1:50-1:200 IF

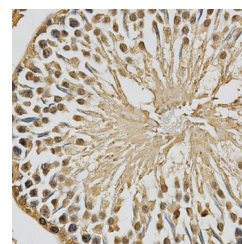
1:50-1:200

Data

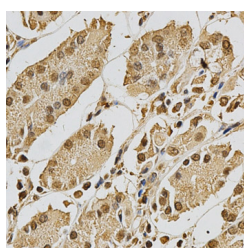


Western blot analysis of extracts of HL-60 cells using XRCC3 Polyclonal Antibody at dilution of 1:1000.

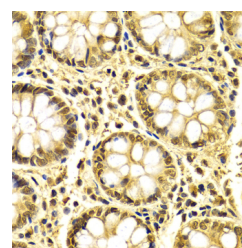
Observed Mw:37kDa
Calculated Mw:37kDa



Immunohistochemistry of paraffin-embedded Rat testis using XRCC3 Polyclonal Antibody at dilution of 1:200 (40x lens).

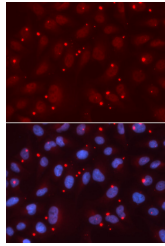


Immunohistochemistry of paraffin-embedded Human stomach using XRCC3 Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded Human colon using XRCC3 Polyclonal Antibody at dilution of 1:100 (40x lens).

For Research Use Only



Immunofluorescence analysis of U2OS cells using
XRCC3 Polyclonal Antibody

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a member of the RecA/Rad51-related protein family that participates in homologous recombination to maintain chromosome stability and repair DNA damage. This gene functionally complements Chinese hamster irs1SF, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents and is chromosomally unstable. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity. Alternatively spliced transcript variants encoding the same protein have been identified.

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