

XRCC3 antibody

Catalog No: #22662

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Description

Product Name	XRCC3 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 202 and 346 of XRCC3
Target Name	XRCC3
Accession No.	Swiss-Prot:O43542Gene ID:7517
Uniprot	O43542
GeneID	7517;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

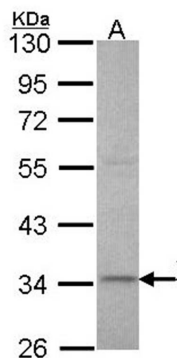
Application Details

Predicted MW: 38kd

Western blotting: 1:500-1:3000

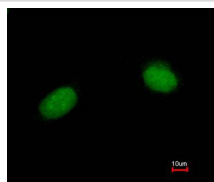
Immunofluorescence: 1:100-1:200

Images

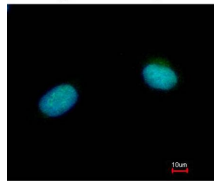


Sample (30 ug of whole cell lysate)
A: Hep G2
10% SDS PAGE
Primary antibody diluted at 1: 1000

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using XRCC3 antibody at 1: 200 dilution.



Merged with DNA probe



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. [provided by RefSeq]

Note: This product is for in vitro research use only