

## XRCC2 Antibody

Catalog No: #32440

Package Size: #32440-1 50ul #32440-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

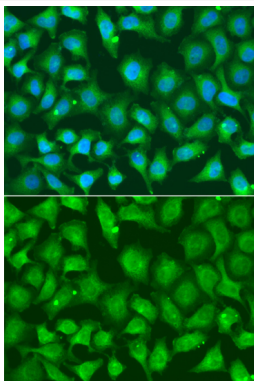
## Description

Product Name	XRCC2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	IF
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total XRCC2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human XRCC2.
Target Name	XRCC2
Other Names	DKFZp781P0919;
Accession No.	Swiss-Prot:O43543NCBI Gene ID:7516
Uniprot	O43543
GeneID	7516;
SDS-PAGE MW	32KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

IF 1:50 - 1:200

## Images



Immunofluorescence analysis of A549 cells using XRCC2 .  
Blue: DAPI for nuclear staining.

## Background

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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 is involved in the repair of DNA double-strand breaks by homologous recombination and it functionally complements Chinese hamster *irs1*, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents.

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Note: This product is for in vitro research use only