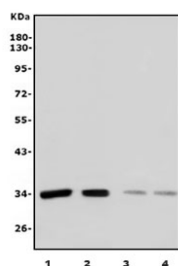


## XRCC2 Antibody (RQ6269)

Catalog No.	Formulation	Size
RQ6269	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	O43543
<b>Applications</b>	Western Blot : 1-2ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This XRCC2 antibody is available for research use only.



Western blot testing of 1) human HEK293, 2) human K562, 3) rat kidney and 4) mouse SP2/0 cell lysate with XRCC2 antibody. Expected molecular weight: 32-36 kDa.

## Description

DNA repair protein XRCC2 is a protein that in humans is encoded by the XRCC2 gene. 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.

## Application Notes

Optimal dilution of the XRCC2 antibody should be determined by the researcher.

## **Immunogen**

A human recombinant partial protein (amino acids A4-E106) was used as the immunogen for the XRCC2 antibody.

## **Storage**

After reconstitution, the XRCC2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.