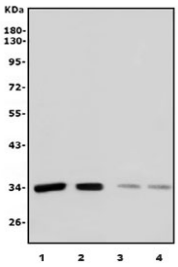
XRCC2 Antibody (RQ6269)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O43543
Applications	Western blot: 1-2ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	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.

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