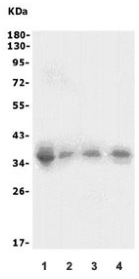
XRCC2 Antibody (RQ6077)

Catalog No.	Formulation	Size
RQ6077	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 and 0.025% sodium azide
UniProt	Q9CX47
Applications	Western blot: 0.5-1ug/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) rat thymus, 3) rat spleen and 4) mouse spleen 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

Recombinant mouse protein (amino acids K54-K259) 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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