

Product datasheet for TA344287

XRCC2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-XRCC2 antibody: synthetic peptide directed towards the middle

region of human XRCC2. Synthetic peptide located within the following region:

CLLILDSLSAFYWIDRVNGGESVNLQESTLRKCSQCLEKLVNDYRLVLFA

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 31 kDa

Gene Name: X-ray repair complementing defective repair in Chinese hamster cells 2

Database Link: NP 005422

Entrez Gene 7516 Human

<u>043543</u>



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Background: XRCC2 is 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms: FANCU

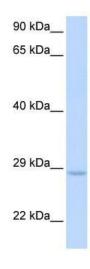
Note: Immunogen Sequence Homology: Dog: 100%; Horse: 100%; Human: 100%; Bovine: 100%;

Rabbit: 100%; Pig: 93%; Rat: 86%; Mouse: 86%; Guinea pig: 85%

Protein Families: Druggable Genome

Protein Pathways: Homologous recombination

Product images:



WB Suggested Anti-XRCC2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human Muscle