

XRCC2 rabbit pAb

Cat No.: ES3714

For research use only

Overview

Product Name XRCC2 rabbit pAb

Host species Rabbit

Applications WB;IHC;IF;ELISA Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human XRCC2. AA

range:211-260

Specificity XRCC2 Polyclonal Antibody detects endogenous

levels of XRCC2 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name DNA repair protein XRCC2

Gene Name XRCC2

Cellular localization Nucleus . Cytoplasm, cytoskeleton, microtubule

organizing center, centrosome.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 32kD
Human Gene ID 7516
Human Swiss-Prot Number 043543

Alternative Names XRCC2; DNA repair protein XRCC2; X-ray repair

cross-complementing protein 2

Background This gene encodes a member of the

RecA/Rad51-related protein family that participates

in homologous recombination to maintain

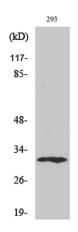
chromosome stability and repair DNA damage. This



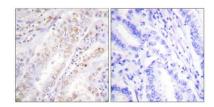
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gene is involved in the repair of DNA double-strand breaks by homologous recombination and it functionally complements Chinese hamster irs1, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using XRCC2
Polyclonal Antibody diluted at 1:2000. Secondary
antibody(catalog#:RS0002) was diluted at 1:20000 cells
nucleus extracted by Minute TM Cytoplasmic and Nuclear
Fractionation kit (SC-003,Inventbiotech,MN,US



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Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using XRCC2 Antibody. The picture on the right is blocked with the synthesized peptide.



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