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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58558_P050-Biotin
Product Page	www.avivasysbio.com/xrcc2-antibody-middle-region-biotin-arp58558-p050-biotin.html
Name	XRCC2 Antibody - middle region : Biotin (ARP58558_P050-Biotin)
Protein Size (# AA)	280 amino acids
Molecular Weight	31kDa
Conjugation	Biotin
NCBI Gene Id	7516
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	X-ray repair complementing defective repair in Chinese hamster cells 2
Alias Symbols	FANCU, POF17, SPGF50
Peptide Sequence	Synthetic peptide located within the following region: CLLILDSLAFYWIDRVNGGESVNLQESTLRKCSQCLEKLVNDYRLVLEA
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Yen,C.Y., (2008) J. Oral Pathol. Med. 37 (5), 271-277
Description of Target	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.
Protein Interactions	RAD51D; MEOX2; WFDC1; NKIRAS1; UBC; RAD51B; RAD51C; RAD51; BLM;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-XRCC2 (ARP58558_P050-Biotin) antibody
Blocking Peptide	For anti-XRCC2 (ARP58558_P050-Biotin) antibody is Catalog # AAP58558 (Previous Catalog # AAPP34583)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human XRCC2
Uniprot ID	O43543
Protein Name	DNA repair protein XRCC2
Protein Accession #	NP_005422
Purification	Affinity Purified
Nucleotide Accession #	NM_005431
Gene Symbol	XRCC2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 85%; Horse: 100%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 100%; Rat: 86%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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