



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

<b>Product Number</b>	ARP58558_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/xrcc2-antibody-middle-region-hrp-arp58558-p050-hrp.html">www.avivasysbio.com/xrcc2-antibody-middle-region-hrp-arp58558-p050-hrp.html</a>
<b>Name</b>	XRCC2 Antibody - middle region : HRP (ARP58558_P050-HRP)
<b>Protein Size (# AA)</b>	280 amino acids
<b>Molecular Weight</b>	31kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	7516
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	X-ray repair complementing defective repair in Chinese hamster cells 2
<b>Alias Symbols</b>	FANCU, POF17, SPGF50
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">CLLLIDSLSAFYWIDRVNGGESVNLQESTLRKCSQCLEKLVNDYRLVLEA</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Reference</b>	Yen,C.Y., (2008) J. Oral Pathol. Med. 37 (5), 271-277
<b>Description of Target</b>	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.
<b>Protein Interactions</b>	RAD51D; MEOX2; WFDC1; NKIRAS1; UBC; RAD51B; RAD51C; RAD51; BLM;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-XRCC2 (ARP58558_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-XRCC2 (ARP58558_P050-HRP) antibody is <a href="#">Catalog # AAP58558</a> (Previous Catalog # AAPP34583)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human XRCC2
<b>Uniprot ID</b>	<a href="#">O43543</a>
<b>Protein Name</b>	DNA repair protein XRCC2
<b>Protein Accession #</b>	<a href="#">NP_005422</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_005431</a>
<b>Gene Symbol</b>	<a href="#">XRCC2</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
<b>Application</b>	WB

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

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.

---

AVIVA SYSTEMS BIOLOGY

6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)