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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

www.szabo-scandic.com

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

Product Number	ARP56505_P050-FITC
Product Page	www.avivasysbio.com/rad23b-antibody-middle-region-fitc-arp56505-p050-fitc.html
Name	RAD23B Antibody - middle region : FITC (ARP56505_P050-FITC)
Protein Size (# AA)	409 amino acids
Molecular Weight	43kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	5887
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	RAD23 homolog B (S. cerevisiae)
Alias Symbols	P58, HR23B, HHR23B
Peptide Sequence	Synthetic peptide located within the following region: QSSAVAAAAATTTATTTTSSGGHPLEFLRNQPOFQQMROIQQNPSSLP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is one of two human homologs of Saccharomyces cerevisiae Rad23, a protein involved in the nucleotide excision repair (NER). This protein was found to be a component of the protein complex that specifically complements the NER defect of xeroderma pigmentosum group C (XP-c) cell extracts in vitro. This protein was also shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, and thus this protein may be involved in the ubiquitin mediated proteolytic pathway in cells.
Protein Interactions	PNMA5; NGLY1; PUF60; XPC; UBC; PSMD14; SHFM1; PDE12; NPLOC4; UBA6; PDLIM5; DRAP1; PLIN3; NUBP2; UBA2; EIF4A3; XPNPEP1; PKM; NUCB1; GTF2I; CBS; ADSL; PARK2; Rpl18; Rpl10a; Rac2; LOC100044627; Gm4705; Vmm2r101; Rpl34-ps1; Rpl5; Eno1b; Xpnpep3; Hist1h2bg; Hi
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-RAD23B (ARP56505_P050-FITC) antibody
Blocking Peptide	For anti-RAD23B (ARP56505_P050-FITC) antibody is Catalog# AAP56505 (Previous Catalog# AAPP39013)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RAD23B
Uniprot ID	P54727
Protein Name	UV excision repair protein RAD23 homolog B
Sample Type Confirmation	RAD23B is strongly supported by BioGPS gene expression data to be expressed in MCF7
Protein Accession #	NP_002865
Purification	Affinity Purified
Nucleotide Accession #	NM_002874
Gene Symbol	RAD23B
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish

Application	WB, IHC
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding arms.

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