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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

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Product Number	ARP57721_P050-Biotin
Product Page	www.avivasysbio.com/rad51l1-antibody-middle-region-biotin-arp57721-p050-biotin.html
Name	RAD51L1 Antibody - middle region : Biotin (ARP57721_P050-Biotin)
Protein Size (# AA)	350 amino acids
Molecular Weight	38kDa
Conjugation	Biotin
NCBI Gene Id	5890
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	RAD51 homolog B (S. cerevisiae)
Alias Symbols	REC2, R51H2, RAD51L1
Peptide Sequence	Synthetic peptide located within the following region: IPVILTNQITTHLSGALASQADLVSPADDLSLSEGTSGSSCVIAALGNTW
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are evolutionarily conserved proteins essential for DNA repair by homologous recombination. This protein has been shown to form a stable heterodimer with the family member RAD51C, which further interacts with the other family members, such as RAD51, XRCC2, and XRCC3. Overexpression of this gene was found to cause cell cycle G1 delay and cell apoptosis, which suggested a role of this protein in sensing DNA damage. At least three alternatively spliced transcript variants encoding distinct isoforms have been observed.
Protein Interactions	FAM9B; SWSAP1; UBC; HIST1H2BG; HIST2H4A; RAD51D; HIST1H3A; RAD51C; H1F0; XRCC2; RAD51; HIST1H1A; HIST3H2BB; HIST3H3; HIST4H4;
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-RAD51B (ARP57721_P050-Biotin) antibody
Blocking Peptide	For anti-RAD51B (ARP57721_P050-Biotin) antibody is Catalog# AAP57721 (Previous Catalog# AAPP44073)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RAD51L1
Uniprot ID	O15315-1
Protein Name	DNA repair protein RAD51 homolog 2
Sample Type Confirmation	RAD51B is supported by BioGPS gene expression data to be expressed in COLO205
Protein Accession #	NP_598194
Purification	Affinity Purified
Nucleotide Accession #	NM_133510
Gene Symbol	RAD51B
Predicted Species Reactivity	Human, Mouse, Cow
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Human: 100%; Mouse: 100%
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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