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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53683_P050-Biotin
Product Page	www.avivasysbio.com/stag3-antibody-middle-region-biotin-arp53683-p050-biotin.html
Name	STAG3 Antibody - middle region : Biotin (ARP53683_P050-Biotin)
Protein Size (# AA)	1225 amino acids
Molecular Weight	135kDa
Subunit	SA-3
Conjugation	Biotin
NCBI Gene Id	10734
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Stromal antigen 3
Alias Symbols	-
Peptide Sequence	Synthetic peptide located within the following region: VPHQVILPALTLYVFSILWTLTHISKSDASQKQLSSLRDRMVAFCELCQS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Barber, T.D., (2008) Proc. Natl. Acad. Sci. U.S.A. 105 (9), 3443-3448
Description of Target	STAG3 is a meiosis specific component of cohesin complex. The cohesin complex is required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The meiosis-specific cohesin complex probably replaces mitosis specific cohesin complex when it dissociates from chromatin during prophase I.
Protein Interactions	SMC3; SMC1A;
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-STAG3 (ARP53683_P050-Biotin) antibody
Blocking Peptide	For anti-STAG3 (ARP53683_P050-Biotin) antibody is Catalog # AAP53683 (Previous Catalog # AAPP30525)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human STAG3
Uniprot ID	Q9UJ98
Protein Name	Cohesin subunit SA-3
Sample Type Confirmation	STAG3 is supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	NP_036579
Purification	Affinity Purified
Nucleotide Accession #	NM_012447
Gene Symbol	STAG3
Predicted Species Reactivity	Human, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Human: 100%; Zebrafish: 83%
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.