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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

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SPO11 Antibody - N-terminal region : Biotin (ARP54901_P050-Biotin)

Data Sheet

Product Number	ARP54901_P050-Biotin
Product Page	www.avivasysbio.com/spo11-antibody-n-terminal-region-biotin-arp54901-p050-biotin.html
Name	SPO11 Antibody - N-terminal region : Biotin (ARP54901_P050-Biotin)
Protein Size (# AA)	396 amino acids
Molecular Weight	44kDa
Conjugation	Biotin
NCBI Gene Id	23626
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	SPO11 meiotic protein covalently bound to DSB homolog (S. cerevisiae)
Alias Symbols	CT35, TOPVIA, SPATA43, TOPOVIA
Peptide Sequence	Synthetic peptide located within the following region: KFSLILKILSMIYKLVQSNTYATKRDIYYTDSQLFGNQTVVDNIINDISC
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Lin,C.S., (2008) Eur. J. Endocrinol. 158 (1), 107-115
Description of Target	Meiotic recombination and chromosome segregation require the formation of double-strand breaks (DSBs) in paired chromosome homologs. During meiosis in yeast, a meiotic recombination protein is covalently-linked to the 5' end of DSBs and is essential for the formation of DSBs. SPO11 is similar in sequence and conserved features to the yeast meiotic recombination protein. It belongs to the TOP6A protein family. Meiotic recombination and chromosome segregation require the formation of double-strand breaks (DSBs) in paired chromosome homologs. During meiosis in yeast, a meiotic recombination protein is covalently-linked to the 5' end of DSBs and is essential for the formation of DSBs. The protein encoded by this gene is similar in sequence and conserved features to the yeast meiotic recombination protein. The encoded protein belongs to the TOP6A protein family. Several transcript variants encoding different isoforms have been found for this gene, but the full-length nature of only two of them have been described.
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-SPO11 (ARP54901_P050-Biotin) antibody
Blocking Peptide	For anti-SPO11 (ARP54901_P050-Biotin) antibody is Catalog # AAP54901 (Previous Catalog # AAPP31856)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SPO11
Uniprot ID	Q9Y5K1
Protein Name	Meiotic recombination protein SPO11
Protein Accession #	NP_036576
Purification	Affinity Purified
Nucleotide Accession #	NM_012444
Gene Symbol	SPO11
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100%; Zebrafish: 77%
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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