



# SZABO SCANDIC

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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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Product Number	ARP58161_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/hoxa11-antibody-middle-region-biotin-arp58161-p050-biotin.html">www.avivasysbio.com/hoxa11-antibody-middle-region-biotin-arp58161-p050-biotin.html</a>
Name	HOXA11 Antibody - middle region : Biotin (ARP58161_P050-Biotin)
Protein Size (# AA)	313 amino acids
Molecular Weight	34kDa
Conjugation	Biotin
NCBI Gene Id	3207
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Homeobox A11
Alias Symbols	HOX1, HOX11, RUSAT1
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">FETAYGTPENLASSDYPGDKSAEKGPPAATATSAAAAAATGAPATSSSD</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Connell, K.A., (2008) J. Clin. Invest. 118 (3), 1050-1055
Description of Target	<p>In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. HOXA11 gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. This gene is involved in the regulation of uterine development and is required for female fertility. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia. In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. This gene is involved in the regulation of uterine development and is required for female fertility. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia. 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.</p>
Protein Interactions	PGBD3; UBC; YY1; HDAC2; HDAC1; FOXO1; GMNN; MEIS1; CREBBP;
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 <a href="#">anti-HOXA11 (ARP58161_P050-Biotin) antibody</a>
Blocking Peptide	For anti-HOXA11 (ARP58161_P050-Biotin) antibody is <a href="#">Catalog # AAP58161</a> (Previous Catalog # AAPP32594)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HOXA11
Uniprot ID	<a href="#">P31270</a>
Protein Name	Homeobox protein Hox-A11
Protein Accession #	<a href="#">NP_005514</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_005523</a>
Gene Symbol	<a href="#">HOXA11</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 86%; Pig: 86%; Rabbit: 100%; Rat: 92%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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