



# SZABO SCANDIC

Part of Europa Biosite

## 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               | ARP58022_P050-Biotin   |
| Product Page                 | <a href="http://www.avivasysbio.com/hoxb5-antibody-n-terminal-region-biotin-arp58022-p050-biotin.html">www.avivasysbio.com/hoxb5-antibody-n-terminal-region-biotin-arp58022-p050-biotin.html</a>   |
| Name                         | HOXB5 Antibody - N-terminal region : Biotin (ARP58022_P050-Biotin)   |
| Protein Size (# AA)          | 269 amino acids  |
| Molecular Weight             | 29kDa  |
| Conjugation                  | Biotin   |
| NCBI Gene Id                 | 3215   |
| Host                         | Rabbit   |
| Clonality                    | Polyclonal   |
| Concentration                | 0.5 mg/ml  |
| Gene Full Name               | Homeobox B5  |
| Alias Symbols                | HOX2, HU-1, HOX2A, Hox2.1, HHO.C10   |
| Peptide Sequence             | Synthetic peptide located within the following region:<br><a href="#">DPAAMHTGSGYGYNYNGMDLSVNRSSASSSHFGAVGESSRAFPAPAQEPFR</a>  |
| Product Format               | Liquid. Purified antibody supplied in 1x PBS buffer.   |
| Reference                    | Wu,Q., (er) Mol. Cancer 6, 45 (2007)   |
| Description of Target        | HOXB5 belongs to ANTP homeobox family. It is a nuclear protein with a homeobox DNA-binding domain. HOXB5 gene is included in a cluster of homeobox B genes located on chromosome 17. The protein functions as a sequence-specific transcription factor that is involved in lung and gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue. This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in lung and gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue. 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. |
| Protein Interactions         | MAGEA11; CTBP2; CTBP1; TRIM23; UBC;  |
| 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-HOXB5 (ARP58022_P050-Biotin) antibody</a>   |
| Blocking Peptide             | For anti-HOXB5 (ARP58022_P050-Biotin) antibody is <a href="#">Catalog # AAP58022</a> (Previous Catalog # AAPP32445)  |
| Immunogen                    | The immunogen is a synthetic peptide directed towards the N terminal region of human HOXB5   |
| Uniprot ID                   | <a href="#">P09067</a>   |
| Protein Name                 | Homeobox protein Hox-B5  |
| Protein Accession #          | <a href="#">NP_002138</a>  |
| Purification                 | Affinity Purified  |
| Nucleotide Accession #       | <a href="#">NM_002147</a>  |
| Gene Symbol                  | <a href="#">HOXB5</a>  |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit  |

|   |  |
|---|--|
| <b>Application</b>                                    | WB   |
| <b>Predicted Homology Based on Immunogen Sequence</b> | Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 93%; Rat: 100%   |
| <b>Image 1</b>  |  A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two arms of the Y extend upwards and outwards, representing the antigen-binding sites. |

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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Optimal conditions of its use should be determined by end users.

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