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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	ARP58020_P050-Biotin
Product Page	www.avivasysbio.com/hoxb3-antibody-n-terminal-region-biotin-arp58020-p050-biotin.html
Name	HOXB3 Antibody - N-terminal region : Biotin (ARP58020_P050-Biotin)
Protein Size (# AA)	431 amino acids
Molecular Weight	44kDa
Conjugation	Biotin
NCBI Gene Id	3213
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Homeobox B3
Alias Symbols	HOX2, HOX2G, Hox-2.7
Peptide Sequence	Synthetic peptide located within the following region: SCMRPGLAPEPLSAPPGPSPPSAAPTSATSNSSSNGGGPSKSGPPKCGPGT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Speleman,F., (2005) Leukemia 19 (3), 358-366
Description of Target	HOXB3 belongs to ANTP homeobox family. It is a nuclear protein with a homeobox DNA-binding domain. HOXB3 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 development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML). 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 development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML). 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	CREBBP; EP300; HMGB1;
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-HOXB3 (ARP58020_P050-Biotin) antibody
Blocking Peptide	For anti-HOXB3 (ARP58020_P050-Biotin) antibody is Catalog # AAP58020 (Previous Catalog # AAPP32443)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HOXB3
Uniprot ID	P14651
Protein Name	Homeobox protein Hox-B3
Protein Accession #	NP_002137
Purification	Affinity Purified
Nucleotide Accession #	NM_002146
Gene Symbol	HOXB3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 86%; Guinea Pig: 79%; Horse: 86%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 93%; Rat: 93%
Image 1	 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.

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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