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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58022_P050-HRP
Product Page	www.avivasysbio.com/hoxb5-antibody-n-terminal-region-hrp-arp58022-p050-hrp.html
Name	HOXB5 Antibody - N-terminal region : HRP (ARP58022_P050-HRP)
Protein Size (# AA)	269 amino acids
Molecular Weight	29kDa
Conjugation	HRP: Horseradish Peroxidase
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: DPAAMHTGSGYGYNYNGMDLSVNRSSASSSHFGAVGESSRAFPAPAQEPRE
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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 anti-HOXB5 (ARP58022_P050-HRP) antibody
Blocking Peptide	For anti-HOXB5 (ARP58022_P050-HRP) antibody is Catalog # AAP58022 (Previous Catalog # AAPP32445)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HOXB5
Uniprot ID	P09067
Protein Name	Homeobox protein Hox-B5
Protein Accession #	NP_002138
Purification	Affinity Purified
Nucleotide Accession #	NM_002147
Gene Symbol	HOXB5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 93%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two N-termini of the light chains are extended outwards, forming the two antigen-binding arms of the antibody.

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

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