

# Mouse Hoxb5 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17307a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P09079</a>
<b>Other Accession</b>	<a href="#">P09067</a> , <a href="#">P09014</a> , <a href="#">NP_032294.2</a>
<b>Reactivity</b>	Mouse
<b>Predicted</b>	Zebrafish, Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB37119
<b>Calculated MW</b>	29464
<b>Antigen Region</b>	1-30

## Additional Information

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<b>Gene ID</b>	15413
<b>Other Names</b>	Homeobox protein Hox-B5, Homeobox protein H241, Homeobox protein Hox-21, Homeobox protein Mu-1, Hoxb5, Hox-21, Hoxb-5
<b>Target/Specificity</b>	This Mouse Hoxb5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of mouse Hoxb5.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Mouse Hoxb5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Hoxb5
<b>Synonyms</b>	Hox-2.1, Hoxb-5

<b>Function</b>	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
<b>Cellular Location</b>	Nucleus.
<b>Tissue Location</b>	Expressed in a broad spectrum of tissues.

## Background

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Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

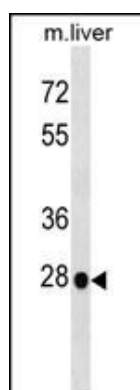
## References

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Wang, L.L., et al. Hum. Reprod. 24(3):562-579(2009)  
Grier, D.G., et al. Neonatology 96(1):50-60(2009)  
Jarínova, O., et al. Development 135(21):3543-3553(2008)  
Dinger, M.E., et al. Genome Res. 18(9):1433-1445(2008)

## Images

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Mouse Hoxb5 Antibody (N-term) (Cat. #AP17307a) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the Hoxb5 antibody detected the Hoxb5 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.