

Product datasheet for **TA330639**

HOXB9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HOXB9 antibody: synthetic peptide directed towards the N terminal of human HOXB9. Synthetic peptide located within the following region: SPHASGSLPSVYHPYIQPQGVPPEAESRYLRTWLEPAPRGEAAPGGQAAV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	homeobox B9
Database Link:	NP_076922 Entrez Gene 3219 Human P17482
Background:	HOXB9 belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. HOXB9 is one of several homeobox HOXB genes located in a cluster on chromosome 17. The exact role of this gene has yet to be determined.
Synonyms:	HOX-2.5; HOX2; HOX2E



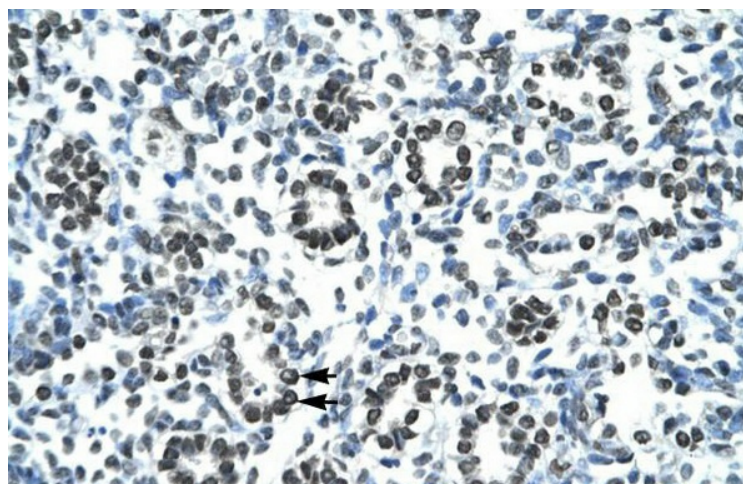
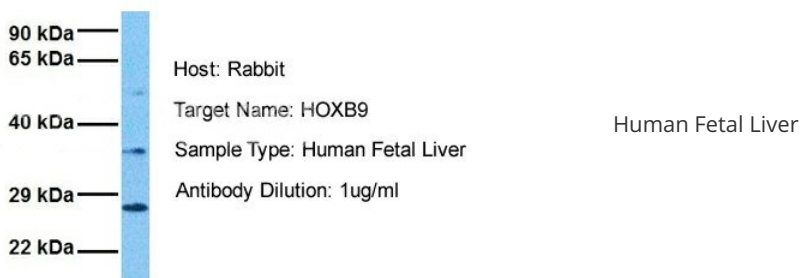
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Note: Pig: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Dog: 93%; Rat: 79%; Mouse: 79%

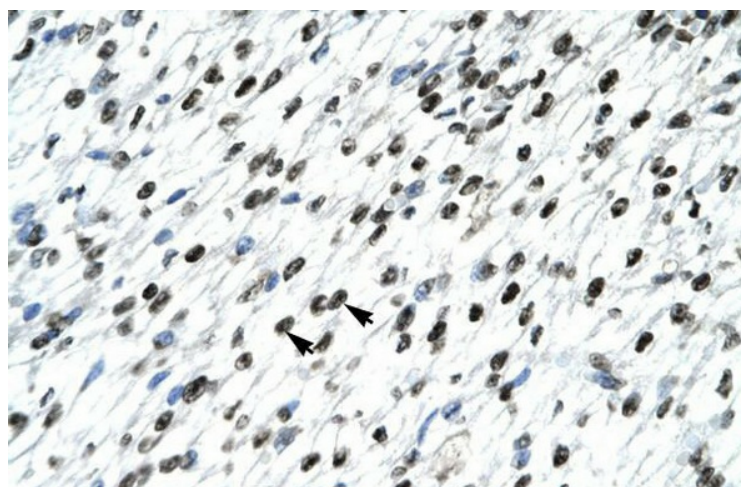
Protein Families: Transcription Factors

Product images:

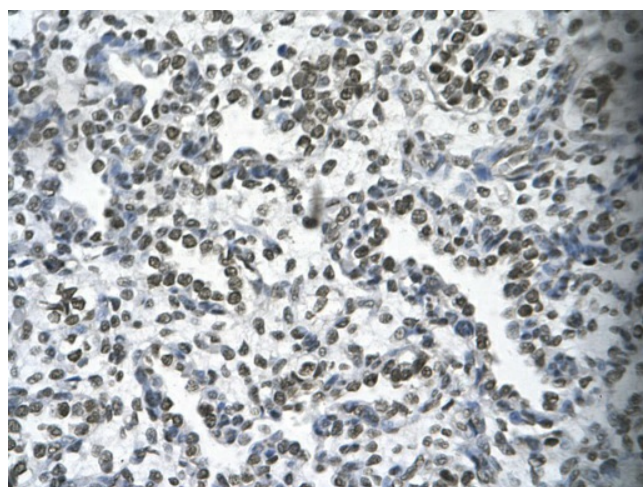
HOXB9



Human Lung



Human Heart



Rabbit Anti-HOXB9 Antibody; Paraffin Embedded
Tissue: Human alveolar cell; Cellular Data:
Epithelial cells of renal tubule; Antibody
Concentration: 4.0-8.0 ug/ml; Magnification: 400X