

## ARG59650 anti-HOXB5 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXB5
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Gpig, Hrs, Rb
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXB5
Species	Human
Immunogen	Synthetic peptide around the N-terminal region of Human HOXB5. (within the following region: MSSSYFVNSFSGRYPNGPDYQLLNLYGSGSSLSGSYRDPAAMHTGSYGYNYN)
Conjugation	Un-conjugated
Alternate Names	Homeobox protein Hu-1; HOX2; HOX2A; HHO.C10; HU-1; Homeobox protein Hox-B5; Homeobox protein HHO.C10; Hox2.1; Homeobox protein Hox-2A

### Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%				
Application table	<table border="1"> <thead> <tr> <th>Application</th> <th>Dilution</th> </tr> </thead> <tbody> <tr> <td>IHC-P</td> <td>Assay-dependent</td> </tr> </tbody> </table>	Application	Dilution	IHC-P	Assay-dependent
Application	Dilution				
IHC-P	Assay-dependent				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

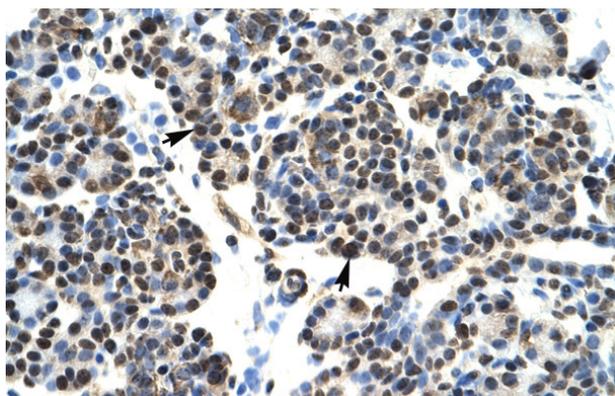
## Bioinformation

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Gene Symbol	HOXB5
Gene Full Name	homeobox B5
Background	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. [provided by RefSeq, Jul 2008]
Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. [UniProt]
Calculated Mw	29 kDa
Cellular Localization	Nucleus. [UniProt]

## Images

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ARG59650 anti-HOXB5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human pancreas stained with ARG59650 anti-HOXB5 antibody.