

## ARG58801 anti-HOXB1 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXB1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXB1
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 176-220 of Human HOXB1 (TARTFDWMKVKRNPPTAKVSEPLGSPGLRTNFTTRQLTELEK).
Conjugation	Un-conjugated
Alternate Names	HOX2; HOX2I; HCFP3; Hox-2.9; Homeobox protein Hox-B1; Homeobox protein Hox-2I

### Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

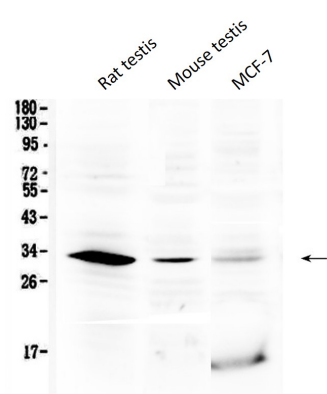
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 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

Gene Symbol	HOXB1
Gene Full Name	homeobox B1
Background	This gene 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. This gene is one of several homeobox HOXB genes located in a cluster on chromosome 17. [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. Acts on the anterior body structures. [UniProt]
Calculated Mw	32 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG58801 anti-HOXB1 antibody WB image

Western blot: 50 µg of samples under reducing conditions. Rat testis, Mouse testis and MCF-7 lysates stained with ARG58801 anti-HOXB1 antibody at 0.5 µg/ml, overnight at 4°C.