

ARG58820
anti-HOXA10 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXA10
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXA10
Species	Human
Immunogen	Recombinant protein corresponding to Y57-R340 of Human HOXA10.
Conjugation	Un-conjugated
Alternate Names	Homeobox protein Hox-1H; HOX1; HOX1.8; Homeobox protein Hox-A10; Homeobox protein Hox-1.8; PL; HOX1H

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.	

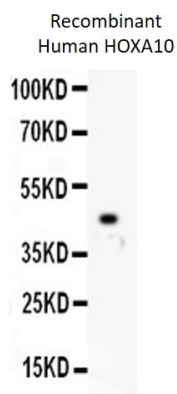
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 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

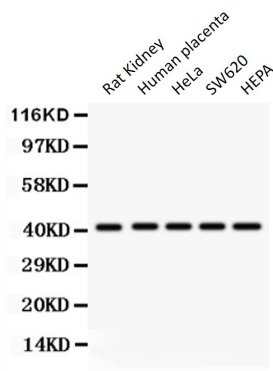
Gene Symbol	HOXA10
Gene Full Name	homeobox A10
Background	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor that may regulate gene expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants have been described. Read-through transcription also exists between this gene and the downstream homeobox A9 (HOXA9) gene. [provided by RefSeq, Mar 2011]
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. Binds to the DNA sequence 5'-AA[AT]TTTATTAC-3'. [UniProt]
Calculated Mw	42 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG58820 anti-HOXA10 antibody WB image

Western blot: 0.5 ng of Recombinant Human HOXA10 Protein stained with ARG58820 anti-HOXA10 antibody at 0.5 µg/ml dilution.



ARG58820 anti-HOXA10 antibody WB image

Western blot: 50 µg of Rat Kidney, 50 µg of Human placenta, 40 µg of HeLa, 40 µg of SW620 and 40 µg of HEPA lysates stained with ARG58820 anti-HOXA10 antibody at 0.5 µg/ml dilution.