

## ARG58821 anti-HOXA11 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXA11
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXA11
Species	Human
Immunogen	Recombinant protein corresponding to H74-R245 of Human HOXA11.
Conjugation	Un-conjugated
Alternate Names	Homeobox protein Hox-1l; HOX1; Homeobox protein Hox-A11; HOX11

### Application Instructions

Application table	Application	Dilution
	FACS	
	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.	

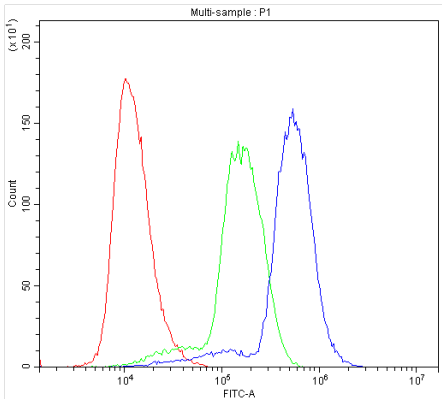
### Properties

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

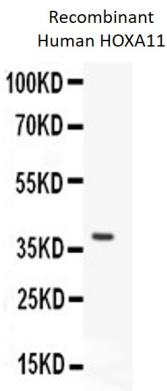
Gene Symbol	HOXA11
Gene Full Name	homeobox A11
Background	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. This gene is involved in the regulation of uterine development and is required for female fertility. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia. [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	34 kDa
Cellular Localization	Nucleus. [UniProt]

Images



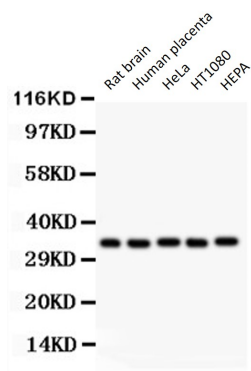
ARG58821 anti-HOXA11 antibody FACS image

Flow Cytometry: U937 cells were blocked with 10% normal goat serum and then stained with ARG58821 anti-HOXA11 antibody (blue) at 1 µg/10<sup>6</sup> cells for 30 min at 20°C, followed by DyLight®488 labelled secondary antibody. Isotype control antibody (green) was rabbit IgG (1 µg/10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (red) was also used as a control.



ARG58821 anti-HOXA11 antibody WB image

Western blot: 0.5 ng of Recombinant Human HOXA11 Protein stained with ARG58821 anti-HOXA11 antibody at 0.5 µg/ml, overnight at 4°C.



#### ARG58821 anti-HOXA11 antibody WB image

Western blot: 50 µg of samples under reducing conditions. Rat brain, Human placenta, HeLa, HT1080 and HEPA lysates stained with ARG58821 anti-HOXA11 antibody at 0.5 µg/ml, overnight at 4°C.