

ARG58941 anti-HOXA11 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXA11
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Gpig, Hrs, Pig, Rb
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXA11
Species	Mouse
Immunogen	Synthetic peptide corresponding to a region of Mouse HOXA11. (within the following region: KERRRRPESSSSPESSSGHTEDKAGGSGGQRTRKKRCPYTKYQIRELERE)
Conjugation	Un-conjugated
Alternate Names	Homeobox protein Hox-11; HOX11; Homeobox protein Hox-A11; HOX11

Application Instructions

Predict Reactivity Note Predicted Homology Based On Immunogen Sequence: Cow: 93%; Dog: 93%; Guinea pig: 86%; Horse: 93%; Human: 93%; Mouse: 100%; Pig: 93%; Rabbit: 93%; Rat: 100%

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.2 - 1 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control Human uterus

Properties

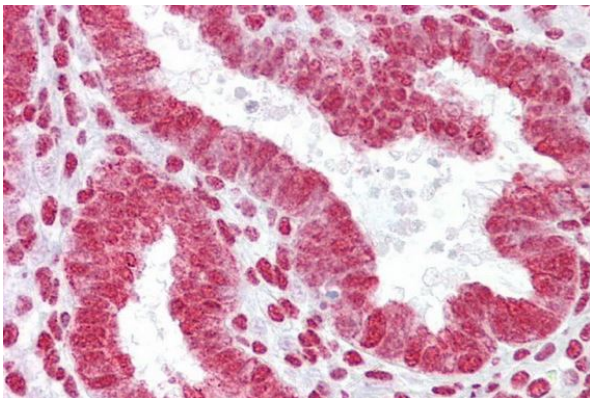
Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml

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

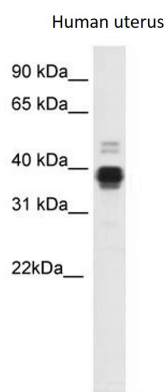
Gene Symbol	HOXA11
Gene Full Name	homeobox A11
Background	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic 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

Images



ARG58941 anti-HOXA11 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human uterus tissue stained with ARG58941 anti-HOXA11 antibody 5 µg/ml dilution.



ARG58941 anti-HOXA11 antibody WB image

Western blot: Human uterus lysate stained with ARG58941 anti-HOXA11 antibody at 0.2 - 1 µg/ml dilution.