

ARG45486 anti-HOXA4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXA4
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Specificity	HOXA4
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXA4
Species	Human
Immunogen	Synthetic peptide corresponding to N-terminal region of human HOXA4.
Conjugation	Un-conjugated
Alternate Names	Homeobox protein Hox-1D; HOX1; HOX1D; Homeobox protein Hox-A4; Homeobox protein Hox-1.4

Application Instructions

Application table	Application	Dilution
	ICC/IF	0.5-1 µg/ml
	IHC-P	0.5-1 µg/ml
	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	Powder
Purification	Affinity purified
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 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.

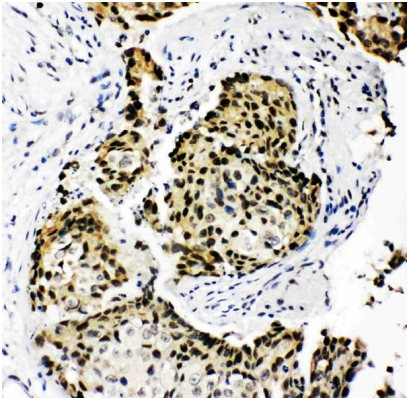
Note

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

Bioinformation

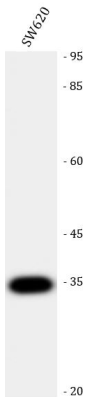
Gene Symbol	HOXA4
Gene Full Name	Homeobox A4
Background	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic 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. [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. Binds to sites in the 5'-flanking sequence of its coding region with various affinities. The consensus sequences of the high and low affinity binding sites are 5'-TAATGA[CG]-3' and 5'-CTAATTTT-3'. [UniProt]
Calculated Mw	34 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG45486 anti-HOXA4 antibody IHC-P image

Immunohistochemistry: Human mammary cancer stained with ARG45486 anti-HOXA4 antibody.



ARG45486 anti-HOXA4 antibody WB image

Western blot: SW620 stained with ARG45486 anti-HOXA4 antibody.