

Rabbit HOXA3 Polyclonal Antibody | anti-HOXA3 antibody

Anti-HOXA3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45038	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

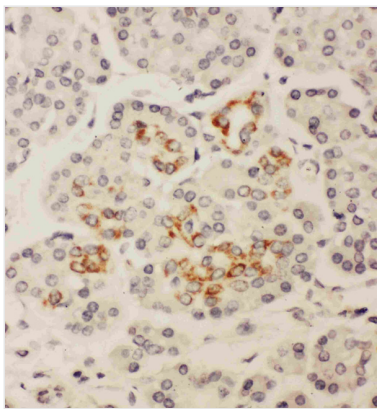
PRODUCT SYNONYMS

HOXA3; Polyclonal Antibody; Anti-HOXA3 antibody; Homeobox protein Hox-A3; homeobox A3; Homeo box 1E antibody; Homeo box A3 antibody; Homeobox 1E antibody; Homeobox A3 antibody; Homeobox protein HOX A3 antibody; Homeobox protein Hox-1E antibody; Homeobox protein Hox-A3 antibody; Homeobox protein HOXA3 antibody; Homeobox1E antibody; HomeoboxA3 antibody; HOX 1 antibody; Hox 1.5 like protein antibody; HOX 1E antibody; HOX A3 antibody; HOX1 antibody; Hox1.5 antibody; Hox1.5 like protein antibody; HOX1E antibody; HOXA 3 antibody; HOXA3 antibody; HXA3_HUMAN antibody; MGC10155 antibody; anti-HOXA3 antibody

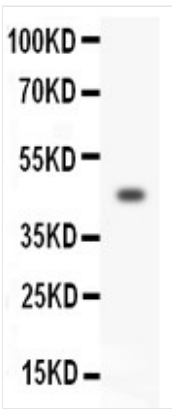
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	443
Applicable Applications for anti-HOXA3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human HOXA3 (427-443aa HHPSQGRIQEAPKLTHL), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-HOXA3 antibody, AAA45038, IHC(P)IHC(P): Human Pancreatic Cancer Tissue



WB (Western Blot)
Anti-HOXA3 antibody, AAA45038, Western blottingAll lanes: Anti HOXA3 (AAA45038) at 0.5ug/mlWB: SW620 Whole Cell Lysate at 40ugPredicted bind size: 46KDObserved bind size: 46KD

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA3 antibody

Description: Rabbit IgG polyclonal antibody for Homeobox protein Hox-A3(HOXA3) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: HOXA3(HOMEBOX A3) is a protein that in humans is encoded by the HOXA3 gene, which is also part of the A cluster on chromosome 7. HOXA3 encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Its cytogenetic location is 7q15.2. 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. HOXA3 protein is able to complement Hoxd3 deficiency when expressed in the context of the Hoxd3 allele.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6016293
NCBI GeneID	3200
UniProt Accession #	O43365; A4D181
Molecular Weight	46,369 Da
NCBI Official Full Name	Homeobox protein Hox-A3
NCBI Official Synonym Full Names	homeobox A3
NCBI Official Symbol	HOXA3
NCBI Official Synonym Symbols	HOX1; HOX1E
NCBI Protein Information	homeobox protein Hox-A3; homeo box 1E; homeo box A3; Hox-1.5-like protein; homeobox protein Hox-1E
UniProt Protein Name	Homeobox protein Hox-A3
UniProt Gene Name	HOXA3
UniProt Synonym Gene Names	HOX1E
UniProt Entry Name	HXA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.