

Rabbit HOXA1 Polyclonal Antibody | anti-HOXA1 antibody

Anti-HOXA1 Antibody (Internal)

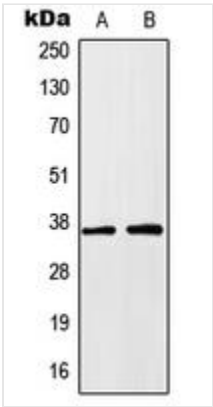
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162361	Rabbit	Human Predicted: Zebrafish, Rat, Mouse	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

PRODUCT SYNONYMS

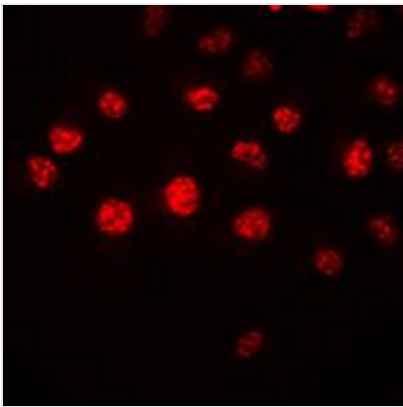
HOXA1; Polyclonal Antibody; Anti-HOXA1 Antibody (Internal); Rabbit Polyclonal (IgG) to Human HOXA1; BSAS; Homeobox A1; Homeobox protein Hox-1F; HOX A1 homeodomain protein; Lab-like protein; Homeobox protein Hox-A1; HOX1; Homeo box A1; Homeobox 1F; Hox 1.6-like protein; HOX1F; anti-HOXA1 antibody

PRODUCT SPECIFICATIONS

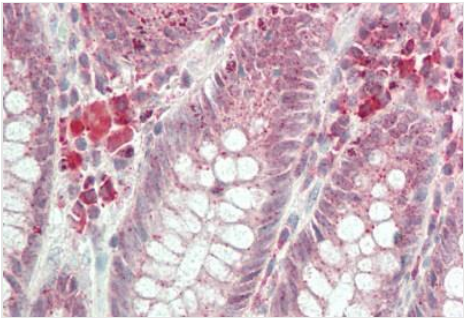
Host	Rabbit
Reactivity	Human Predicted: Zebrafish, Rat, Mouse
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of HOXA1 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	335
Applicable Applications for anti-HOXA1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the central region of human HOXA1.
Conjugation	Unconjugated
Epitope	Internal
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.



WB (Western Blot)
Western blot analysis of HOXA1 expression in HEK293T (A); HeLa (B) whole cell lysates.



IF (Immunofluorescence)
Immunofluorescent analysis of HOXA1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)
Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031761
NCBI GeneID	3198
NCBI Accession #	NP_005513.1
NCBI GenBank Nucleotide #	NM_005522.4
UniProt Accession #	P49639; O43363; A4D184; B2R8U7
Molecular Weight	24,489 Da
NCBI Official Full Name	homeobox protein Hox-A1 isoform a
NCBI Official Synonym Full Names	homeobox A1
NCBI Official Symbol	HOXA1
NCBI Official Synonym Symbols	BSAS; HOX1; HOX1F

NCBI Protein Information	homeobox protein Hox-A1
UniProt Protein Name	Homeobox protein Hox-A1
UniProt Gene Name	HOXA1
UniProt Synonym Gene Names	HOX1F

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hoxa1-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/162361>