

Rabbit Homeobox protein Hox-A10 Polyclonal Antibody | anti-HOXA10 antibody

Anti-HOXA10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46083	Rabbit	Human, Rat. No cross reactivity with other proteins.	Western Blot

PRODUCT SYNONYMS

Homeobox protein Hox-A10; Polyclonal Antibody; Anti-HOXA10 Antibody; centaurin alpha 1 like antibody; homeo box A10 antibody; Homeobox A10 antibody; homeobox protein 1H antibody; Homeobox protein Hox A10 antibody; Homeobox protein Hox-1.8 antibody; Homeobox protein Hox-1H antibody; Homeobox protein Hox-A10 antibody; homeobox protein HOXA10 antibody; HOX 1 antibody; HOX 1.8 antibody; HOX 1H antibody; HOX A10 antibody; HOX1 antibody; HOX1.8 antibody; HOX1H antibody; HOXA 10 antibody; HOXA10 antibody; HOXA10 protein antibody; HXA10_HUMAN antibody; MGC12859 antibody; PL antibody; homeobox A10; anti-HOXA10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	410
Applicable Applications for anti-HOXA10 antibody	WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human HOXA10 recombinant protein (Position: Y57-R340). Human HOXA10 shares 87% amino acid (aa) sequence identity with mouse HOXA10.
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



WB (Western Blot)

Anti- HOXA10 antibody, AAA46083, Western blottingAll lanes: Anti HOXA10 (AAA46083) at 0.5ug/mlLane 1: Rat Kidney Tissue Lysate at 50ugLane 2: Human Placenta Tissue Lysate at 50ugLane 3: HELA Whole Cell Lysate at 40ugLane 4: SW620 Whole Cell Lysate at 40ugLane 5: HEPA Whole Cell Lysate at 40ugPredicted bind size: 41KD Observed bind size: 41KD



WB (Western Blot)

Anti- HOXA10 antibody, AAA46083, Western blottingAll lanes: Anti HOXA10 (AAA46083) at 0.5ug/mlWB: Recombinant Human HOXA10 Protein 0.5ngPredicted bind size: 45KDObserved bind size: 45KD

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA10 antibody	Description: Rabbit IgG polyclonal antibody for Homeobox protein Hox-A10(HOXA10) detection. Tested with WB in Human;Rat. Background: Homeobox protein Hox-A10 is a protein that in humans is encoded by the HOXA10 gene. HOXA10 is expressed in the adult human endometrium, and the expression of HOXA10 dramatically increased during the midsecretory phase of the menstrual cycle, corresponding to the time of implantation and increase in circulating progesterone. HOXA10 may have an important function in regulating endometrial development during the menstrual cycle and in establishing conditions necessary for implantation in the human. HOXA10 is also a master regulator of postnatal hematopoietic development whose tight regulation is required for normal development of erythroid and megakaryocytic lineages.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	182765442
NCBI GeneID	3206
NCBI Accession #	NP_061824.3
NCBI GenBank Nucleotide #	NM_018951.3
UniProt Accession #	P31260; O43370; O43605; Q15949; Q504T1
Molecular Weight	11,452 Da
NCBI Official Full Name	homeobox protein Hox-A10
NCBI Official Synonym Full Names	homeobox A10
NCBI Official Symbol	HOXA10
NCBI Official Synonym Symbols	PL; HOX1; HOX1H; HOX1.8
NCBI Protein Information	homeobox protein Hox-A10; homeo box A10; homeobox protein 1H; homeobox protein HOXA10; homeobox protein Hox-1H; homeobox protein Hox-1.8
UniProt Protein Name	Homeobox protein Hox-A10
UniProt Gene Name	HOXA10
UniProt Synonym Gene Names	HOX1H
UniProt Entry Name	HXA10_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.

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