

Datasheet for ABIN3042453
anti-HOXA10 antibody (AA 57-340)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	HOXA10
Binding Specificity:	AA 57-340
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Homeobox protein Hox-A10(HOXA10) detection. Tested with WB in Human,Rat.
Immunogen:	E.coli-derived human HOXA10 recombinant protein (Position: Y57-R340). Human HOXA10 shares 87% amino acid (aa) sequence identity with mouse HOXA10.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Homeobox protein Hox-A10(HOXA10) detection. Tested with WB in Human,Rat.</p> <p>Gene Name: homeobox A10</p> <p>Protein Name: Homeobox protein Hox-A10</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	HOXA10
Alternative Name:	HOXA10 (HOXA10 Products)
Background:	<p>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.</p> <p>Synonyms: 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</p>
Gene ID:	3206
UniProt:	P31260

Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, The detection limit for HOXA10 is approximately 0.25 ng/lane under reducing conditions.</p> <p>Notes: Tested Species: Species with positive results.</p> <p>Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

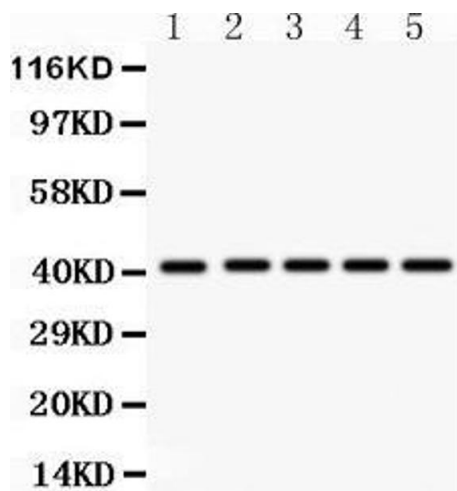
Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

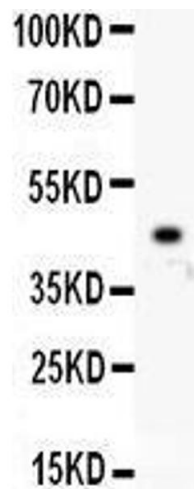
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Anti- HOXA10 antibody, Western blotting All lanes: Anti HOXA10 at 0.5ug/ml Lane 1: Rat Kidney Tissue Lysate at 50ug Lane 2: Human Placenta Tissue Lysate at 50ug Lane 3: HELA Whole Cell Lysate at 40ug Lane 4: SW620 Whole Cell Lysate at 40ug Lane 5: HEPA Whole Cell Lysate at 40ug Predicted bind size: 41KD Observed bind size: 41KD



Western Blotting

Image 2.