

Anti-HOXA11 Picoband Antibody

Catalog # ABO11909

Product Information

Application	WB
Primary Accession	P31270
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Homeobox protein Hox-A11(HOXA11) detection. Tested with WB in Human;Mouse;Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	3207
Other Names	Homeobox protein Hox-A11, Homeobox protein Hox-1I, HOXA11, HOX1I
Calculated MW	34486
Application Details	Western blot, 0.1-0.5 µg/ml, Human, Mouse, Rat
Subcellular Localization	Nucleus.
Source	Eukaryota
Protein Name	Homeobox protein Hox-A11
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E.coli-derived human HOXA11 recombinant protein (Position: H74-R245). Human HOXA11 shares 95% amino acid (aa) sequence identity with mouse HOXA11.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	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.
Sequence Similarities	Belongs to the Abd-B homeobox family.

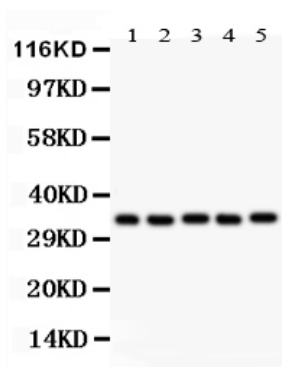
Protein Information

Name	HOXA11
Synonyms	HOX1I
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.
Cellular Location	Nucleus.

Background

Homeobox protein Hox-A11 is a protein that in humans is encoded by the HOXA11 gene. It is mapped to 7p15.2. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is involved in the regulation of uterine development and is required for female fertility. HOXA11 is essential for the development of the uterosacral ligaments, it has been found that women with pelvic organ prolapse may have weakened connective tissue due to changes in this signaling pathway. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia.

Images



Anti- HOXA11 antibody, ABO11909, Western blotting
All lanes: Anti HOXA11 (ABO11909) at 0.5ug/ml
Lane 1: Rat Brain Tissue Lysate at 50ug
Lane 2: Human Placenta Tissue Lysate at 50ug
Lane 3: HLEA Whole Cell Lysate at 40ug
Lane 4: HT1080 Whole Cell Lysate at 40ug
Lane 5: HEPA Whole Cell Lysate at 40ug
Predicted bind size: 35KD
Observed bind size: 35KD



Anti- HOXA11 antibody, ABO11909, Western blotting
All lanes: Anti HOXA11 (ABO11909) at 0.5ug/ml
WB: Recombinant Human HOXA11 Protein 0.5ng
Predicted bind size: 38KD
Observed bind size: 38KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.