

Datasheet for ABIN3031247

anti-Homeobox A11 antibody (AA 74-245)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	Homeobox A11 (HOXA11)
Binding Specificity:	AA 74-245
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Homeobox A11 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Human partial recombinant protein (AA 74-245) was used as the immunogen for this HOXA11 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Homeobox A11 (HOXA11)
Alternative Name:	HOXA11 (HOXA11 Products)
Background:	Homeobox protein 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

Target Details

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.

Gene ID: 3207

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the HOXA11 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,FACS: 1-3 µg/10⁶ cells

Restrictions: For Research Use only

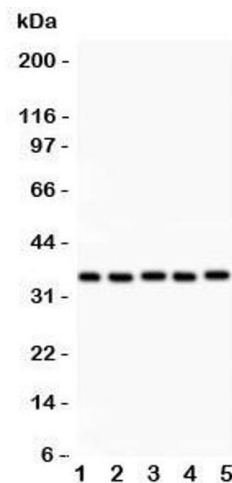
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

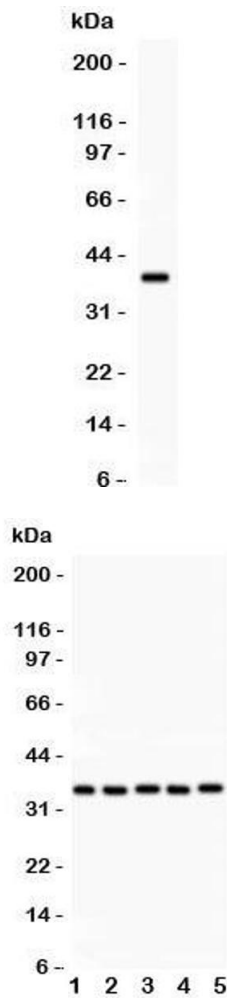
Storage Comment: After reconstitution, the HOXA11 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of HOXA11 antibody and Lane 1: rat brain; 2: human placenta; 3: human HeLa; 4: (h) HT1080; 5: mouse HEPA lysate. Expected/observed size ~35KD



Western Blotting

Image 2. Western blot testing of HOXA11 antibody and recombinant human protein (0.5ng)

Western Blotting

Image 3. Western blot testing of HOXA11 antibody and Lane 1: rat brain

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3031247.