

# HOXA11 Rabbit pAb

Catalog No.: A2976 **1 Publications**

## Basic Information

**Observed MW**

30kDa

**Calculated MW**

34kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

## Background

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. This gene is involved in the regulation of uterine development and is required for female fertility. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia.

## Recommended Dilutions

**WB** 1:500 - 1:1000**IF/ICC** 1:50 - 1:200

## Immunogen Information

**Gene ID**

3207

**Swiss Prot**

P31270

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human HOXA11 (NP\_005514.1).

**Synonyms**

HOX1; HOX11; RUSAT1; HOXA11

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

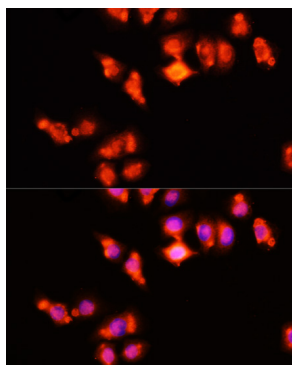
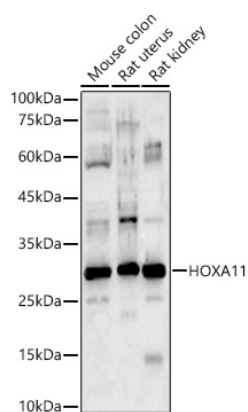
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data



Immunofluorescence analysis of HeLa cells using HOXA11 antibody (A2976) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.