

For Research Use Only

# HOXA11 Polyclonal antibody

Catalog Number: 55495-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 55495-1-AP	<b>GenBank Accession Number:</b> NM_005523	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1600 µg/ml by Nanodrop and 707 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3207	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> homeobox A11	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 34 kDa	
	<b>Observed MW:</b> 37 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells,
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	

## Background Information

HOXA11 belongs to the Abd-B homeobox family. It is a sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Defects in HOXA11 are the cause of radioulnar synostosis with amegakaryocytic thrombocytopenia (RSAT). This antibody is specific to Human/Mouse HOXA11 and Rat Hoxa10.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xuxing Shen	30134227	Cell Physiol Biochem	WB
Liraz Shmuel-Galia	37494932	Cell Metab	WB
Zhenyuan Li	37539033	iScience	WB, IHC

## Storage

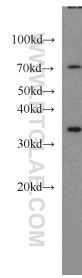
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 55495-1-AP (HOXA11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.