

For Research Use Only

# HOXA11 Polyclonal antibody

Catalog Number: 55495-1-AP

Featured Product

3 Publications



## Basic Information

Catalog Number:

55495-1-AP

Size:

150ul, Concentration: 1600 ug/ml by Nanodrop and 707 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_005523

GeneID (NCBI):

3207

UNIPROT ID:

P31270

Full Name:

homeobox A11

Calculated MW:

34 kDa

Observed MW:

37 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: HeLa cells,

## 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. Stable for one year after shipment.

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

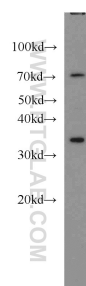
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## Selected Validation Data



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.