

For Research Use Only

# HOXA2 Polyclonal antibody

Catalog Number: 25044-1-AP



## Basic Information

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| <b>Catalog Number:</b><br>25044-1-AP   | <b>GenBank Accession Number:</b><br>BC130571 | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 600 µg/ml by Nanodrop and 360 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>3199                | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000             |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>homeobox A2             |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>376 aa, 41 kDa      |  |
| <b>Immunogen Catalog Number:</b><br>AG19224  | <b>Observed MW:</b><br>41-43 kDa             |  |

## Applications

|   |   |
|---|---|
| <b>Tested Applications:</b><br>WB, ELISA  | <b>Positive Controls:</b><br>WB : HepG2 cells, C6 cells, Jurkat cells |
| <b>Species Specificity:</b><br>human, rat |   |

## Background Information

HOXA2, also named as Homeobox protein Hox-A2, is a 376 amino acid protein, which contains 1 homeobox DNA-binding domain and belongs to the Antp homeobox family. HOXA2 localizes in the nucleus and has an association with Microtia, hearing impairment, and cleft palate. HOXA2 as a sequence-specific transcription factor is part of a developmental regulatory system, which provides cells with specific positional identities on the anterior-posterior axis.

## Storage

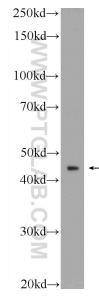
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

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



HepG2 cells were subjected to SDS PAGE followed by western blot with 25044-1-AP (HOXA2 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.