

For Research Use Only

# HOXA2 Polyclonal antibody

Catalog Number: 25044-1-AP

1 Publications



## Basic Information

Catalog Number:

25044-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 360 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19224

GenBank Accession Number:

BC130571

GeneID (NCBI):

3199

UNIPROT ID:

O43364

Full Name:

homeobox A2

Calculated MW:

376 aa, 41 kDa

Observed MW:

41-43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, rat

Cited Species:

human

Positive Controls:

WB : HepG2 cells, C6 cells, Jurkat cells

## 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.

## Notable Publications

| Author      | Pubmed ID | Journal     | Application |
|-------------|-----------|-------------|-------------|
| Guanghui He | 38996954  | Cell Signal | WB          |

## 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

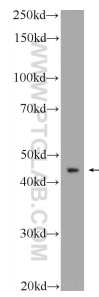
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## Selected Validation Data



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.