

For Research Use Only

HOXA2 Polyclonal antibody

Catalog Number: 25044-1-AP

1 Publications



Basic Information

Catalog Number:

25044-1-AP

Size:

600 µg/ml

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

For technical support and original validation data for this product please contact:

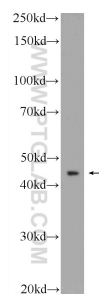
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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.