

For Research Use Only

# HOXA5 Polyclonal antibody, PBS Only

Catalog Number: 27622-1-PBS



## Basic Information

Catalog Number:

27622-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26362

GenBank Accession Number:

BC013682

GeneID (NCBI):

3202

UNIPROT ID:

P20719

Full Name:

homeobox A5

Calculated MW:

270 aa, 29 kDa

Observed MW:

38-42 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

## Background Information

HOXA5 (Homeobox A5) is a member of the homeobox gene family, which plays a crucial role in embryonic development, cell differentiation, and tissue patterning (PMID: 31159758). These genes encode transcription factors containing a conserved homeodomain that binds DNA to regulate the expression of target genes involved in morphogenesis and organogenesis.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

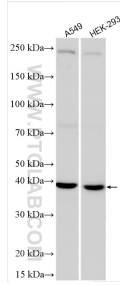
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

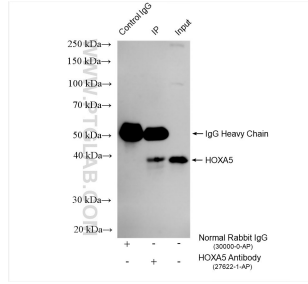
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

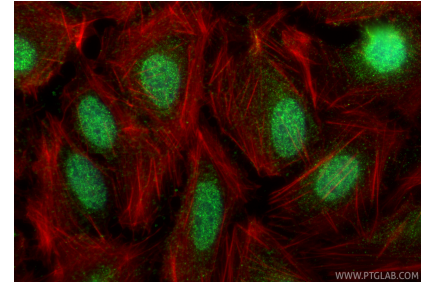
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27622-1-AP (HOXA5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27622-1-PBS in a different storage buffer formulation.



IP result of anti-HOXA5 (IP:27622-1-AP, 4ug; Detection:27622-1-AP 1:500) with HEK-293 cells lysate 1360 ug. This data was developed using the same antibody clone with 27622-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using HOXA5 antibody (27622-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 27622-1-PBS in a different storage buffer formulation.