

For Research Use Only

HOXA5 Polyclonal antibody, PBS Only

Catalog Number:27622-1-PBS



Basic Information

Catalog Number:

27622-1-PBS

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

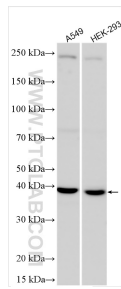
T: 4006900926

E: Proteintech-CN@ptglab.com

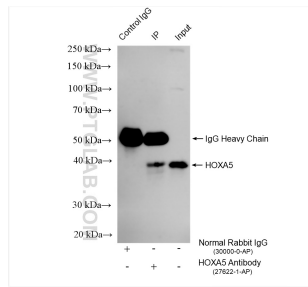
W: ptgcn.com

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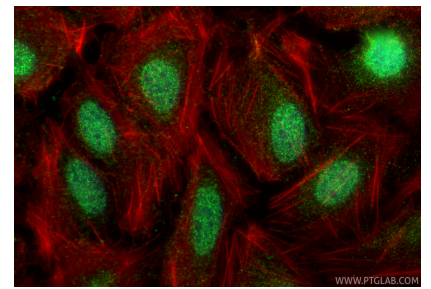
Selected Validation Data



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.