

For Research Use Only

HOXA5 Polyclonal antibody

Catalog Number: 27622-1-AP



Basic Information

Catalog Number:

27622-1-AP

Size:

150ul, Concentration: 400 ug/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

Recommended Dilutions:

WB: 1:500-1:1000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, HEK-293 cells

IP : HEK-293 cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

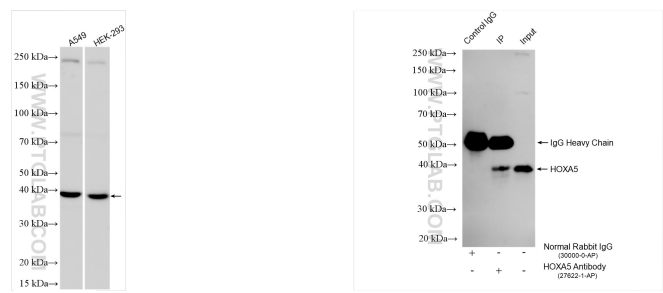
For technical support and original validation data for this product please contact:

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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.

IP result of anti-HOXA5 (IP:27622-1-AP, 4ug; Detection:27622-1-AP 1:500) with HEK-293 cells lysate 1360 ug.