

For Research Use Only

HMGXB4 Polyclonal antibody

Catalog Number: 24821-1-AP



Basic Information

Catalog Number:

24821-1-AP

Size:

150ul , Concentration: 700 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20424

GenBank Accession Number:

BC104754

GeneID (NCBI):

10042

UNIPROT ID:

Q9UGU5

Full Name:

HMG box domain containing 4

Calculated MW:

601 aa, 66 kDa

Observed MW:

66 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

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 : HeLa cells, Jurkat cells

IP : HeLa cells,

Background Information

HMGXB4 also termed as HMG box containing protein 4 or HMG2L1 is a 601 amino acid protein, which contains one HMG box DNA-binding domain. HMGXB4 negatively regulates Wnt/beta-catenin signaling during development. HMG-2L1 is expressed in the nucleus and may play a role in transcriptional regulation.

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

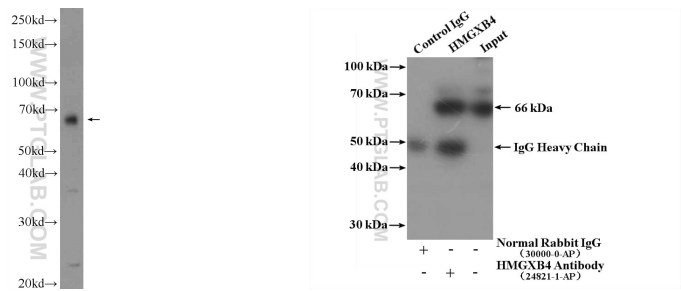
For technical support and original validation data for this product please contact:

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 24821-1-AP (HMGXB4 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.

IP result of anti-HMGXB4 (IP:24821-1-AP, 4ug; Detection:24821-1-AP 1:500) with HeLa cells lysate 2560ug.