

For Research Use Only

HOXB5 Polyclonal antibody, PBS Only

Catalog Number: 31552-1-PBS



Basic Information

Catalog Number:

31552-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35933

GenBank Accession Number:

NM_002147.3

GeneID (NCBI):

3215

UNIPROT ID:

P09067

Full Name:

homeobox B5

Calculated MW:

29kDa, 269aa

Observed MW:

34 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

HOXB5 is a member of the Antp homeobox family. HOXB5 is expressed in various tissues, with biased expression in the kidney, colon, and other tissues. HOXB5 plays a crucial role in the development of the lung and gut. It is essential for the proper formation and differentiation of these organs during embryonic development. Hoxb5 exhibits preferential expression in hematopoietic stem cells (HSCs) and uniquely marks the long-term HSCs (LT-HSCs) (PMID: 38324932).

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

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

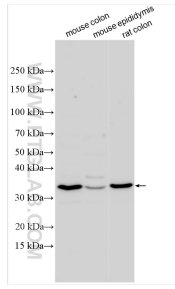
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E: Proteintech-CN@ptglab.com

W: ptgcn.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 31552-1-AP (HOXB5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31552-1-PBS in a different storage buffer formulation.