

For Research Use Only

# HOXB8 Polyclonal antibody, PBS Only

Catalog Number: 31387-1-PBS



## Basic Information

Catalog Number:

31387-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34946

GenBank Accession Number:

NM\_024016

GeneID (NCBI):

3218

UNIPROT ID:

P17481

Full Name:

homeobox B8

Calculated MW:

28 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

HOXB8, also known as homeobox B8, is a member of the homeobox family. HOXB8 plays a role in the regulation of embryonic development. It helps determine the identity and differentiation of cells along the anterior-posterior axis of the body. Increased expression of HOXB8 is associated with colorectal cancer. It has been found to enhance the proliferation and metastasis of colorectal cancer cells by promoting epithelial-mesenchymal transition (EMT) via STAT3 activation (PMID: 30622439).

## 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:

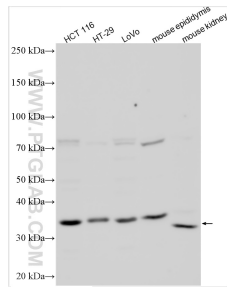
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31387-1-AP (HOXB8 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31387-1-PBS in a different storage buffer formulation.

Various lysates were subjected to SDS PAGE followed by western blot with 31387-1-AP (HOXB8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31387-1-PBS in a different storage buffer formulation.