

For Research Use Only

HOXB1 Polyclonal antibody

Catalog Number: 18732-1-AP

1 Publications



Basic Information

Catalog Number:

18732-1-AP

Size:

150ul, Concentration: 160 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC096193

GeneID (NCBI):

3211

UNIPROT ID:

P14653

Full Name:

homeobox B1

Calculated MW:

32 kDa

Observed MW:

38-44 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : mouse liver tissue,

Background Information

HOXB1, also named as HOX2I, belongs to the Antp homeobox family and the Labial subfamily. HOXB1 is sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. HOXB1 acts on the anterior body structures. Establishment of the spatial colinearity in the embryo is directly controlled by the Hox genes themselves. 18732-1-AP is a rabbit polyclonal antibody raised against a peptide mapping within an internal region of human.

Notable Publications

Author	Pubmed ID	Journal	Application
Jianyong Xiong	34488545	Bioengineered	WB

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

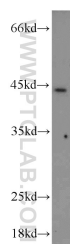
For technical support and original validation data for this product please contact:

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Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 18732-1-AP (HOXB1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.