

For Research Use Only

HOXB1 Polyclonal antibody

Catalog Number: 21653-1-AP



Basic Information

Catalog Number: 21653-1-AP	GenBank Accession Number: BC096192	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 240 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3211	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: homeobox B1	
Isotype: IgG	Calculated MW: 235 aa, 26 kDa	
Immunogen Catalog Number: AG16366	Observed MW: 41-44 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, NIH/3T3 cells
Species Specificity: human, mouse	

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. 21653-1-AP is a rabbit polyclonal antibody raised against residues near the N-terminus of human HOXB1.

Storage

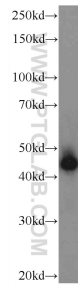
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 21653-1-AP (HOXB1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.