

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: 240 µg/ml	GeneID (NCBI): 3211	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: P14653	
Isotype: IgG	Full Name: homeobox B1	
Immunogen Catalog Number: AG16366	Calculated MW: 235 aa, 26 kDa	
	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

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

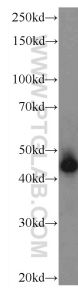
T: 4006900926

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



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.