

For Research Use Only

SHOX Polyclonal antibody

Catalog Number: 25117-1-AP



Basic Information

Catalog Number: 25117-1-AP	GenBank Accession Number: BC148783	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6473	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: short stature homeobox	
Isotype: IgG	Calculated MW: 292 aa, 32 kDa	
Immunogen Catalog Number: AG18930	Observed MW: 25-32 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : mouse brain tissue, fetal human brain tissue
Species Specificity: human, mouse	

Background Information

Short stature homeobox protein (SHOX), also named as GCFX, is a 292 amino acid protein, which contains one homeobox DNA-binding domain and belongs to the paired homeobox family. SHOX controls fundamental aspects of growth and development. SHOX undergoes splicing resulting in two isoforms, SHOXA and SHOXB. SHOXA is a 32 kDa protein and is expressed in skeletal muscle, placental, pancreas, heart and bone marrow fibroblast and, to a lesser extent, in kidney and lung. SHOXB is 25 kDa protein and is highly expressed in osteogenic cells, but not expressed in brain, kidney, liver or lung.

Storage

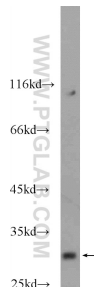
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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 25117-1-AP (SHOX Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.