

For Research Use Only

PROX1 Recombinant antibody

Catalog Number: 81778-1-RR



Basic Information

Catalog Number: 81778-1-RR	GenBank Accession Number: BC024201	Purification Method: Protein A purification
Size: 100ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 5629	CloneNo.: 2H12
Source: Rabbit	Full Name: prospero homeobox 1	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Calculated MW: 737 aa, 83 kDa	
Immunogen Catalog Number: AG1543	Observed MW: 90 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, HuH-7 cells, SH-SY5Y cells
Species Specificity: Human	

Background Information

PROX1, Prospero homeobox protein 1, belongs to the Prospero homeobox family and contain a Prospero-type homeobox DNA-binding domain. PROX1 plays a fundamental role in early development of CNS and regulates the expression of gene and development of postmitotic, undifferentiated neurons. Also, PROX1 is a required regulator of the development of the Lymphatic system. This antibody is raised against part of C-terminal chain of human PROX1. The calculated molecular weight of PROX1 is 83 kDa, but with post-translational modifications, PROX1 is about 90 kDa.

Storage

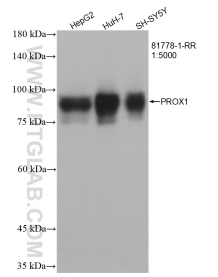
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81778-1-RR (PROX1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.