

For Research Use Only

# PROX1 Recombinant antibody, PBS Only



Catalog Number: 81778-1-PBS

## Basic Information

<b>Catalog Number:</b> 81778-1-PBS	<b>GenBank Accession Number:</b> BC024201	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5629	<b>CloneNo.:</b> 2H12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q92786	
<b>Isotype:</b> IgG	<b>Full Name:</b> prospero homeobox 1	
<b>Immunogen Catalog Number:</b> AG1543	<b>Calculated MW:</b> 737 aa, 83 kDa	
	<b>Observed MW:</b> 90 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**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

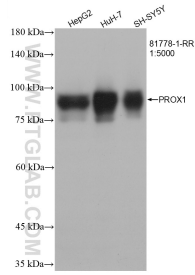
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:  
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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. This data was developed using the same antibody clone with 81778-1-PBS in a different storage buffer formulation.