

For Research Use Only

# PROX1 Polyclonal antibody

Catalog Number: 51043-1-AP

Featured Product

10 Publications



## Basic Information

### Catalog Number:

51043-1-AP

### Size:

150ul, Concentration: 147 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0457

### GenBank Accession Number:

BC024201

### GeneID (NCBI):

5629

### Full Name:

prospero homeobox 1

### Calculated MW:

737 aa, 83 kDa

### Observed MW:

90 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

ELISA

### Cited Applications:

ChIP, CoIP, IF, IHC, WB

### Species Specificity:

human, mouse, rat

### Cited Species:

hamster, human, mouse

## 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 regulated the expression of gene and development of postmitotic undifferentiated young neuron. Also PROX1 is a specific and required regulator of the development of the lymphatic system. This is a rabbit polyclonal antibody raised against part of C-terminal chain of human PROX1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Sean M Armour	28916805	Nat Commun	CoIP, ChIP
Xu Shang-Zhi SZ	23675176	Int J Biomed Sci	WB
Yuki Kawai	24680387	J Surg Res	IF

## Storage

### Storage:

Store at -20°C.

### 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:

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