

For Research Use Only

PROX1 Polyclonal antibody

Catalog Number: 19554-1-AP



Basic Information

Catalog Number:

19554-1-AP

Size:

150ul , Concentration: 153 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002763

GeneID (NCBI):

5629

UNIPROT ID:

Q92786

Full Name:

prospero homeobox 1

Calculated MW:

83 kDa

Observed MW:

83 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue,

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**

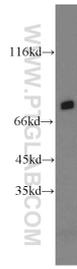
For technical support and original validation data for this product please contact:

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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 19554-1-AP (PROX1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.