

PROX1 Polyclonal antibody

Catalog Number: 19554-1-AP

Basic Information

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| Catalog Number: 19554-1-AP | GenBank Accession Number: NM_002763 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 153 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 5629 | Recommended Dilutions: WB 1:500-1:1000 |
| Source: Rabbit | Full Name: prospero homeobox 1 | |
| Isotype: IgG | Calculated MW: 83 kDa | |
| | Observed MW: 83 kDa | |

Applications

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

Background Information

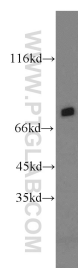
PROX1, Prospero homeobox protein 1, belongs to the Prospero homeobox family and contains a Prospero-type homeobox DNA-binding domain. PROX1 plays a fundamental role in early development of CNS and regulates the expression of gene and development of postmitotic, undifferentiated neurons. Also, PROX1 is 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

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.