

For Research Use Only

NKX6-1 Polyclonal antibody

Catalog Number: 20974-1-AP



Basic Information

Catalog Number: 20974-1-AP	GenBank Accession Number: NM_006168	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 ug/ml by Nanodrop;	GeneID (NCBI): 4825	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: P78426	
Isotype: IgG	Full Name: NK6 homeobox 1	
	Calculated MW: 38 kDa	
	Observed MW: 45-52 kDa	

Applications

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

Background Information

NK6 homeobox 1 (NKX6-1) is a potent bifunctional transcription regulator that binds to AT-rich DNA sequences within the promoter region of target genes. NKX6-1 belongs to the class II proteins of neuronal progenitor factors, and the function of it is to enhance proliferation, glucose-stimulated insulin secretion, and survival in mature pancreatic beta-cells, and it is also essential in regional patterning and neuronal fate determination in central nervous system.

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

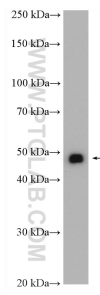
For technical support and original validation data for this product please contact:

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 20974-1-AP (NKX6-1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.