

For Research Use Only

# NKX2-2 Polyclonal antibody

Catalog Number: 13013-1-AP

8 Publications



## Basic Information

<b>Catalog Number:</b> 13013-1-AP	<b>GenBank Accession Number:</b> BC075092	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1100 ug/ml by Nanodrop and 487 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4821	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:250-1:1000 IF 1:20 - 1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95096	
<b>Isotype:</b> IgG	<b>Full Name:</b> NK2 homeobox 2	
<b>Immunogen Catalog Number:</b> AG4069	<b>Calculated MW:</b> 273 aa, 30 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF, ELISA	<b>Positive Controls:</b> WB : Min6 cells, IHC : mouse brain tissue, IF : E16.5 mouse pancreas tissue,
<b>Cited Applications:</b> WB, IF	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse, rat, pig	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Notable Publications

Author	Pubmed ID	Journal	Application
Pei-Lun Lai	35406658	Cells	WB
Yuan He	32626526	J Cancer	WB
Wenjing Yuan	39413538	Theriogenology	IF

## 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

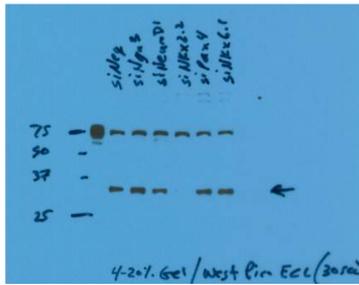
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

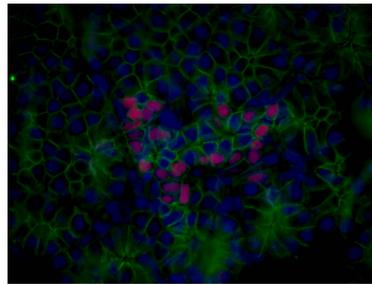
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

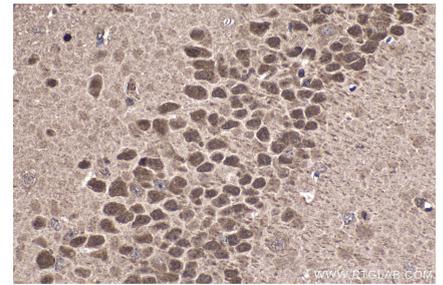
## Selected Validation Data



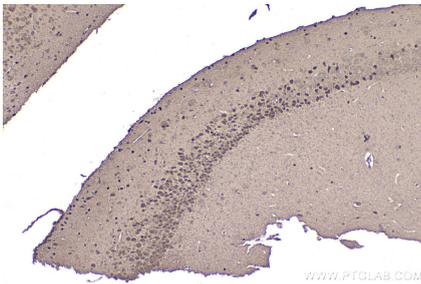
WB result of Nkx2-2 antibody (13013-1-AP) on Min6 cells with siNkx2-2, siPAX4, siNkx6-1 by Dr. Nicholas George, Sarvetnick Lab – UNMC. (the 70 kDa band is unknown).



IF result (trunk or trunk-associated region; nucleus stain; RED) of Nkx2-2 antibody (13013-1-AP) with E16.5 mouse pancreas by Dr. Nicholas George, Sarvetnick Lab – UNMC. (Green, E-Cadherin; RED, Nkx2-2; Blue, DAPI).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13013-1-AP (Nkx2-2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13013-1-AP (Nkx2-2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).