

For Research Use Only

NKX2-2 Polyclonal antibody

Catalog Number: 13013-1-AP

8 Publications



Basic Information

Catalog Number:

13013-1-AP

Size:

150ul, Concentration: 1100 ug/ml by Nanodrop and 487 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4069

GenBank Accession Number:

BC075092

GeneID (NCBI):

4821

UNIPROT ID:

O95096

Full Name:

NK2 homeobox 2

Calculated MW:

273 aa, 30 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:250-1:1000

IF 1:20 - 1:200

Applications

Tested Applications:

WB, IHC, IF, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, pig

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Min6 cells,

IHC : mouse brain tissue,

IF : E16.5 mouse pancreas tissue,

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

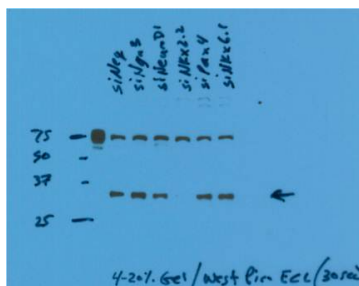
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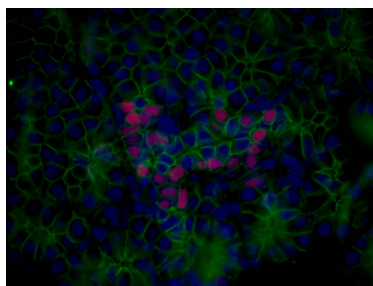
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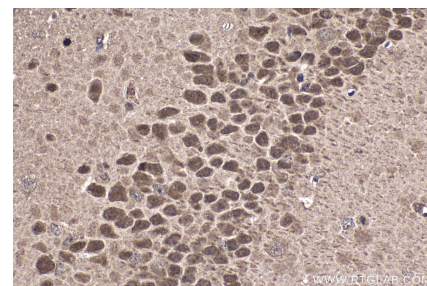
Selected Validation Data



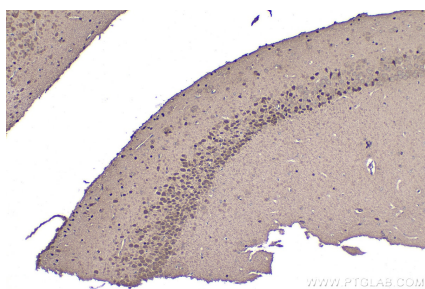
WB result of NKX2-2 antibody (13013-1-AP) on Min6 cells with siNKX2-2, siPAX4, siNKX6-1 by Dr. Nicholas George, Sarvetnick Lab – UNMC. (the 70 kDa band is unknown).



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).