



Datasheet for ABIN2779879

anti-NK2 Homeobox 3 antibody (C-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	NK2 Homeobox 3 (NKX2-3)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NK2 Homeobox 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the c terminal region of mouse Nkx2-3
Sequence:	AAAYSGSYGC AYPTGGGGGG GGTASAATTA MQPACSATGG GSFVNVSNLG
Predicted Reactivity:	Cow: 87%, Guinea Pig: 87%, Human: 87%, Mouse: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against Nkx2-3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NK2 Homeobox 3 (NKX2-3)
Alternative Name:	Nkx2-3 (NKX2-3 Products)

Target Details

Background: Nkx2-3 is a transcriptional regulator essential for normal development and functions of the small intestine and spleen. Nkx2-3 activates directly MADCAM1 expression. Nkx2-3 is required for homing of lymphocytes in spleen and mucosa-associated lymphoid tissue. Nkx2-3 may have a role during pharyngeal organogenesis.

Alias Symbols: Nkx-2.3, Nkx2.3, tinman

Protein Interaction Partner: Zfp263, Cdx1,

Protein Size: 362

Molecular Weight: 38 kDa

Gene ID: 18089

NCBI Accession: [NM_008699](#), [NP_032725](#)

UniProt: [P97334](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 362 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

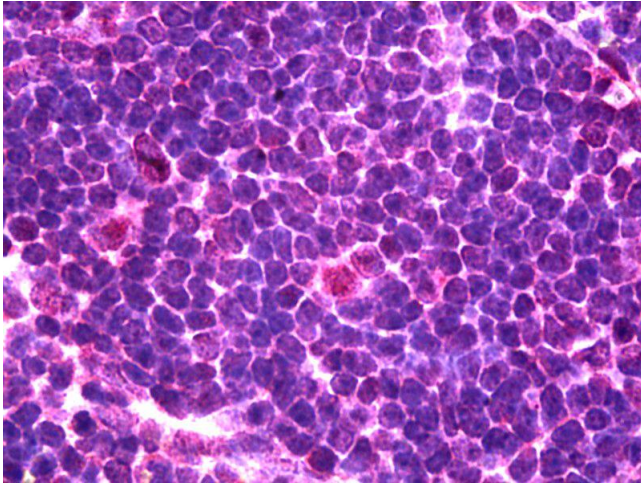
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

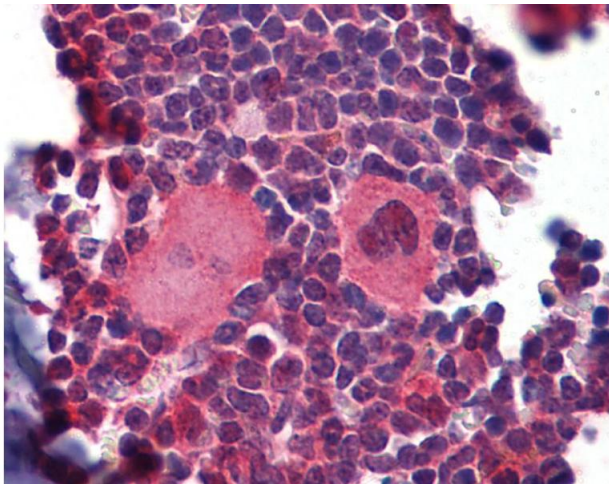
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



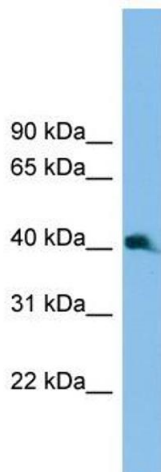
Immunohistochemistry

Image 1. IHC Information: Paraffin embedded spleen lympho tissue, tested with an antibody dilution of 5 ug/ml.



Immunohistochemistry

Image 2. IHC Information: Paraffin embedded mouse lymphoid tissue (skeletal muscle) tissue, tested with an antibody dilution of 5 ug/ml.



Western Blotting

Image 3. WB Suggested Anti-Nkx2-3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Mouse Uterus