

Datasheet for ABIN2779878

anti-NK2 Homeobox 3 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse NKX2-3
Sequence:	GTHAPPPPPR RVAVPVLVRD GKPCVTPSAQ TYGSPYGVGA GAYSYN SFPA
Predicted Reactivity:	Cow: 85%, Dog: 85%, Guinea Pig: 85%, Human: 77%, Mouse: 100%, Rat: 100%
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:	Protein A purified

Target Details

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

Target Details

Background:	NKX2C is a member of the NKX family of homeodomain-containing transcription factors, which are implicated in many aspects of cell type specification and maintenance of differentiated tissue functions. Alias Symbols: Nkx2.3, tinman, Nkx-2.3 Protein Interaction Partner: Zfp263, Cdx1, Protein Size: 362
Molecular Weight:	40 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

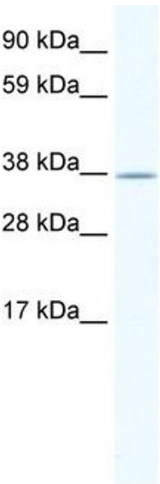
Handling

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.

Publications

Product cited in: Surjit, Oberoi, Kumar, Lal: "Enhanced alpha1 microglobulin secretion from Hepatitis E virus ORF3-expressing human hepatoma cells is mediated by the tumor susceptibility gene 101." in: **The Journal of biological chemistry**, Vol. 281, Issue 12, pp. 8135-42, (2006) ([PubMed](#)).

Validation report #100057 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-NKX2-3 Antibody Titration: 1.25ug/ml ELISA Titer: 1:312500 Positive Control: NIH/3T3 cell lysate