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Datasheet for ABIN2777695

anti-NK2 Homeobox 3 antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	NK2 Homeobox 3 (NKX2-3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Dog, Rabbit, Horse
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 N terminal region of human NKX2-3
Sequence:	ADLEHHFHSA PCMLAAEAGT QFSDGGEEDE EDEGEKLSYL NSLAAADGHG
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 93%, 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:	Protein A purified

Target Details

Target:	NK2 Homeobox 3 (NKX2-3)
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Target Details

Alternative Name:	NKX2-3 (NKX2-3 Products)
Background:	<p>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.</p> <p>Alias Symbols: CSX3, NK2.3, NKX2C, NKX2.3, NKX4-3</p> <p>Protein Interaction Partner: ZNF212, GTF2A1L, SRF,</p> <p>Protein Size: 293</p>
Molecular Weight:	32 kDa
Gene ID:	159296
NCBI Accession:	NM_145285 , NP_660328
UniProt:	Q8TAU0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 293 AA
Restrictions:	For Research Use only

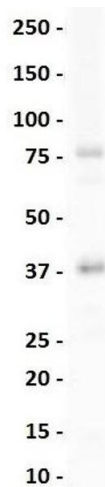
Handling

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.



Western Blotting

Image 1. WB Suggested Anti-NKX2-3 Antibody Titration:
0.25ug/ml Positive Control: Human Spleen



Western Blotting

Image 2. lane 1: Mouse Spleen lysate primary antibody dilution: 1:1000 secondary antibody: goat anti-rabbit-HRP secondary antibody dilution: 1:10,000 blocking buffer: 3% milk in TBST