

Datasheet for ABIN3032009

anti-NK2 Homeobox 5 antibody (AA 192-225)



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2 Images

Overview

Quantity:	0.4 mL
Target:	NK2 Homeobox 5 (NKX2-5)
Binding Specificity:	AA 192-225
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NK2 Homeobox 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This mouse Nkx2.5 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 192-225 amino acids from the Central region of human mouse Nkx2.5.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	NK2 Homeobox 5 (NKX2-5)
Alternative Name:	Nkx2.5 (NKX2-5 Products)
Background:	Implicated in commitment to and/or differentiation of the myocardial lineage. Acts as a transcriptional activator of ANF in cooperation with GATA4. It is transcriptionally controlled by

Target Details

	PBX1 and acts as a transcriptional repressor of CDKN2B. Together with PBX1, it is required for spleen development through a mechanism that involves CDKN2B repression.
UniProt:	P42582
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

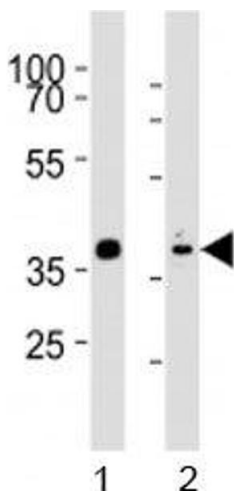
Application Details

Application Notes:	Titration of the Nkx2.5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

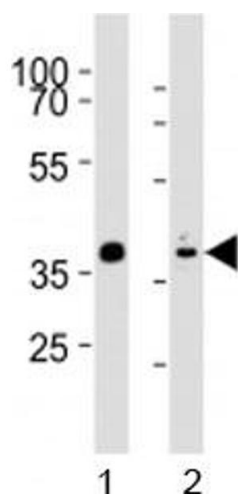
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Nkx2.5 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of lysate from mouse stomach, rat heart tissue (left to right) using Mouse Nkx2.5 antibody at 1:1000 for each lane.



Western Blotting

Image 2. Western blot analysis of lysate from mouse stomach, rat heart tissue (left to right) using Mouse Nkx2.5 antibody at 1:1000 for each lane.