

Datasheet for ABIN6243911

anti-NK2 Homeobox 5 antibody (AA 192-225)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	NK2 Homeobox 5 (NKX2-5)
Binding Specificity:	AA 192-225
Reactivity:	Mouse, Rat, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NK2 Homeobox 5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Nkx2-5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 192-225 amino acids from the Central region of human Mouse Nkx2-5.
Clone:	RB51144
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NK2 Homeobox 5 (NKX2-5)
Alternative Name:	Nkx2-5 (NKX2-5 Products)

Target Details

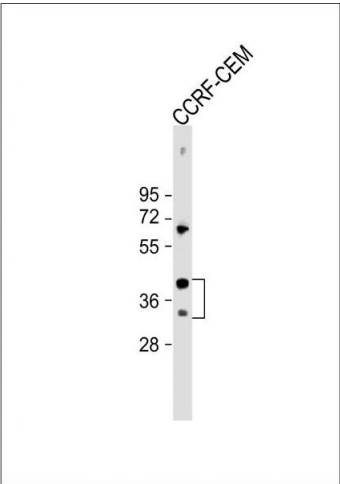
Background:	Implicated in commitment to and/or differentiation of the myocardial lineage. Acts as a transcriptional activator of ANF in cooperation with GATA4. It is transcriptionally controlled by PBX1 and acts as a transcriptional repressor of CDKN2B. Together with PBX1, it is required for spleen development through a mechanism that involves CDKN2B repression.
Molecular Weight:	34163
UniProt:	P42582
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 1:2000. WB: 1:1000. WB: 1:2000
Restrictions:	For Research Use only

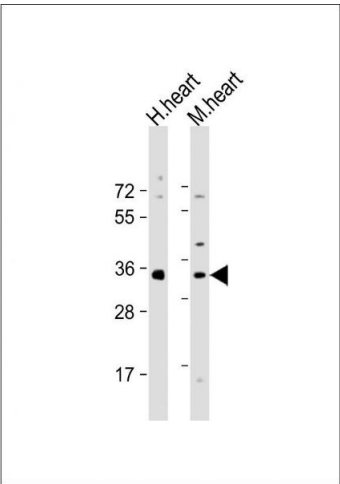
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Expiry Date:	6 months



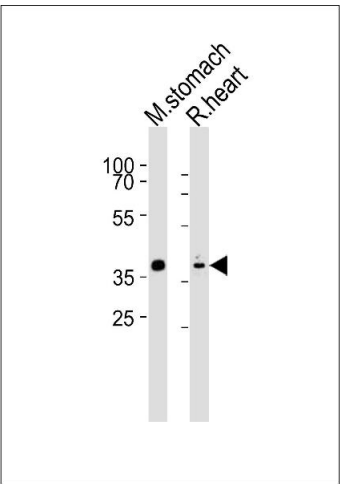
Western Blotting

Image 1. Anti-Mouse Nkx2-5 Antibody (Center) at 1:2000 dilution + CCRF-CEM whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 2. All lanes : Anti-Mouse Nkx2-5 Antibody (Center) at 1:2000 dilution Lane 1: human heart lysate Lane 2: mouse heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 3. Western blot analysis of lysates from mouse stomach, rat heart tissue (from left to right), using Mouse Nkx2-5 Antibody (Center) (ABIN6243911 and ABIN6577620). (ABIN6243911 and ABIN6577620) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.