

Datasheet for ABIN3032010

anti-NK2 Homeobox 5 antibody (AA 192-235)[Go to Product page](#)**2** Images

Overview

Quantity:	0.4 mL
Target:	NK2 Homeobox 5 (NKX2-5)
Binding Specificity:	AA 192-235
Reactivity:	Mouse
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 192-235 amino acids from the Central region of the mouse protein.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat
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

Target Details

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.

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

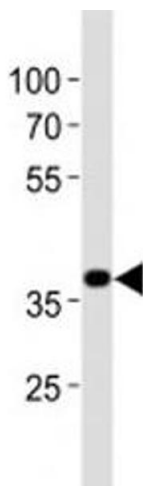
Preservative: Sodium azide

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

Storage: -20 °C

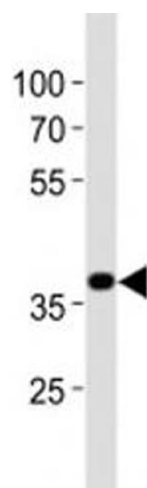
Storage Comment: Aliquot the Nkx2.5 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of lysate from mouse stomach tissue lysate using Nkx2.5 antibody at 1:1000.



Western Blotting

Image 2. Western blot analysis of lysate from mouse stomach tissue lysate using Nkx2.5 antibody at 1:1000.