

Datasheet for ABIN6259127

anti-NK2 Homeobox 5 antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	NK2 Homeobox 5 (NKX2-5)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NK2 Homeobox 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human Nkx2.5, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	Nkx2.5 Antibody detects endogenous levels of total Nkx2.5.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	NK2 Homeobox 5 (NKX2-5)
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Target Details

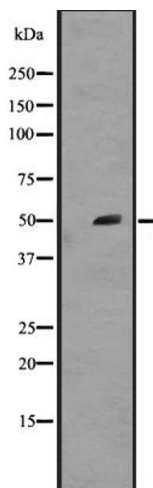
Alternative Name:	NKX2-5 (NKX2-5 Products)
Background:	<p>Description: Implicated in commitment to and/or differentiation of the myocardial lineage. Acts as a transcriptional activator of ANF in cooperation with GATA4 (By similarity). Binds to the core DNA motif of NPPA promoter (PubMed:22849347, PubMed:26926761). It is transcriptionally controlled by PBX1 and acts as a transcriptional repressor of CDKN2B (By similarity). It is required for spleen development.</p> <p>Gene: NKX2-5</p>
Molecular Weight:	50 kDa
Gene ID:	1482
UniProt:	P52952
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of NKX2-5 expression in A431 whole cell lysate ,The lane on the left is treated with the antigen-specific peptide.