

Datasheet for ABIN6991656  
**anti-NKX2-8 antibody (AA 60-110)**



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## Overview

Quantity:	0.1 mg
Target:	NKX2-8
Binding Specificity:	AA 60-110
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX2-8 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	NKX2-8 antibody was raised against a 19 amino acid synthetic peptide near the center of human NKX2-8. The immunogen is located within amino acids 60 - 110 of NKX2-8.
Isotype:	IgG
Specificity:	NKX2-8 antibody is predicted to not cross-react with other NK2 homeobox family members.
Purification:	NKX2-8 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	NKX2-8
Alternative Name:	NKX2-8 ( <a href="#">NKX2-8 Products</a> )

## Target Details

Background:	NKX2-8 Antibody: NKX2-8 (NK2 homeobox 8) is a member of a family of transcription factors that are involved in embryonic development and cell fate. It is expressed in the ventral foregut, the developing heart, the epithelial layers of the branchial arches and in the dorsal mesoderm. In conjunction with related protein, NKX2-5, NKX2-8 may play a role in cardiac embryonic development. NKX2-8 is also thought to be involved in lung development and is suspected of being an oncogene in lung cancer that is activated by way of gene amplification at chromosome 14q13.
Gene ID:	26257
NCBI Accession:	<a href="#">NP_055175</a>
UniProt:	<a href="#">O15522</a>

## Application Details

Application Notes:	NKX2-8 antibody can be used for detection of NKX2-8 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 2.5 µg/mL.  Antibody validated: Western Blot in rat samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	NKX2-8 Antibody is supplied in PBS containing 0.02 % 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, 4 °C
Storage Comment:	NKX2-8 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.