

Datasheet for ABIN1538513
anti-NKX3-1 antibody (AA 58-86)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	NKX3-1
Binding Specificity:	AA 58-86
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Nkx3-1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-86 amino acids from the Central region of mouse Nkx3-1.
Clone:	RB40187
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NKX3-1
Alternative Name:	Nkx3-1 (NKX3-1 Products)
Background:	Transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor (By similarity). Plays an important role in normal prostate development, regulating proliferation of glandular epithelium and in the formation of

Target Details

ducts in prostate. Act as a tumor suppressor controlling prostate carcinogenesis, as shown by the ability to suppress growth and tumorigenicity of prostate carcinoma cells. Play a role in the formation of minor salivary glands (particularly palatine and lingual glands). Essential for appropriate differentiation and secretory function of the bulbourethral gland.

Molecular Weight: 26824

Gene ID: 18095

NCBI Accession: [NP_035051](#)

UniProt: [P97436](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Positive Regulation of Endopeptidase Activity](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

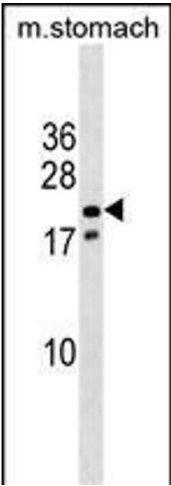
Preservative: Sodium azide

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

Storage Comment: Mouse Nkx3-1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. Mouse Nkx3-1 Antibody (Center) (ABIN1538513 and ABIN2838313) western blot analysis in mouse stomach tissue lysates (35 µg/lane). This demonstrates the Nkx3-1 antibody detected the Nkx3-1 protein (arrow).