

Datasheet for ABIN7184486
anti-NKX3-1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NKX3-1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX3-1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthesized peptide derived from N-terminal of Human NKX3.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	NKX3-1
Alternative Name:	NKX3-1 (NKX3-1 Products)
Background:	Background: Transcription factor, which binds preferentially the consensus sequence 5'-

Target Details

TAAGT[AG]-3' and can behave as a transcriptional repressor. Plays an important role in normal prostate development, regulating proliferation of glandular epithelium and in the formation of ducts in prostate. Acts as a tumor suppressor controlling prostate carcinogenesis, as shown by the ability to inhibit proliferation and invasion activities of PC-3 prostate cancer cells.

Cai Bowen, Cancer Res., Jan 2007, 67: 455 - 464.

Xiang Li, Mol. Cell. Biol., Apr 2006, 26: 3008 - 3017.

Ekatherine Asatiani, Cancer Res., Feb 2005, 65: 1164 - 1173.

Carlise R. Bethel, Cancer Res., Nov 2006, 66: 10683 - 10690.

Aliases: BAPX 2 antibody, BAPX2 antibody, Homeobox protein NK-3 homolog A antibody, Homeobox protein Nkx 3.1 antibody, Homeobox protein Nkx-3.1 antibody, Homeobox protein Nkx3.1 antibody, NK homeobox (Drosophila) family 3 A antibody, NK homeobox family 3 A antibody, NK homeobox, family 3, member A antibody, NK3 homeobox 1 antibody, NK3 transcription factor homolog A antibody, NK3 transcription factor related locus 1 antibody, NKX 3 antibody, Nkx 3.1 antibody, NKX 3A antibody, NKX3 1 antibody, NKX3 antibody, Nkx3-1 antibody, NKX3.1 antibody, Nkx3.1, mouse, homolog of antibody, NKX31_HUMAN antibody, NKX3A antibody

UniProt: [Q99801](#)

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

Application Details

Application Notes: IHC:1:50-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

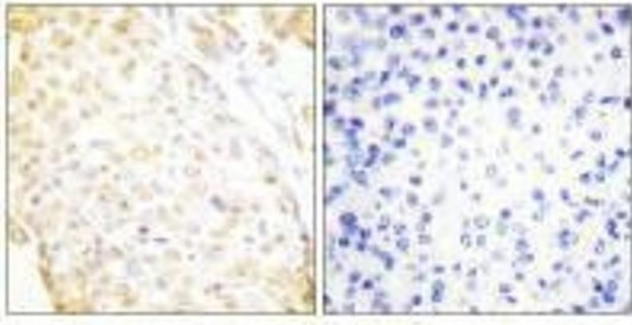
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using NKX3.1 antibody.