

Datasheet for ABIN652945
anti-NKX3-1 antibody (AA 118-145)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	NKX3-1
Binding Specificity:	AA 118-145
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX3-1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This NKX3-1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 118-145 amino acids from the Central region of human NKX3-1.
Clone:	RB23610
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NKX3-1
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Target Details

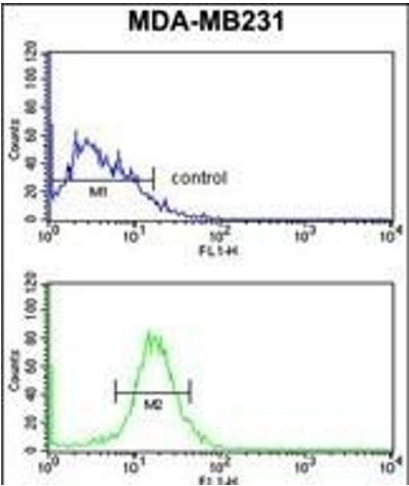
Alternative Name:	NKX3-1 (NKX3-1 Products)
Background:	NKX3-1 is a transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor. It play an important role in normal prostate development, regulating proliferation of glandular epithelium and in the formation of ducts in prostate. It 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.
Molecular Weight:	26350
Gene ID:	4824
NCBI Accession:	NP_001243268 , NP_006158
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:	WB: 1:8000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

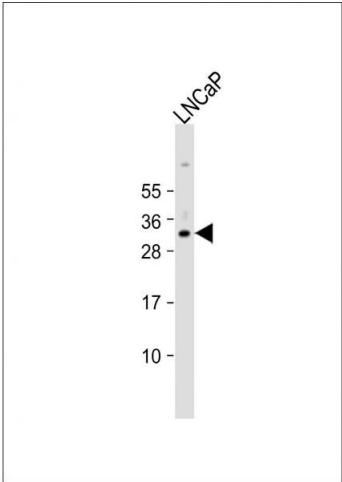
Handling

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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



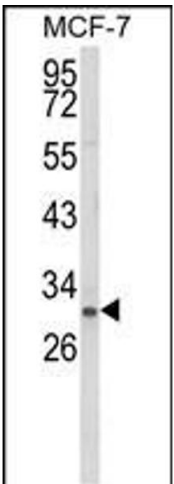
Flow Cytometry

Image 1. NKX3-1 Antibody (Center) (ABIN652945 and ABIN2842604) flow cytometry analysis of MDA-M cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Anti-NKX3-1 Antibody (Center) at 1:8000 dilution + LNCaP whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 26 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Western blot analysis of NKX3-1 Antibody (Center) (ABIN652945 and ABIN2842604) in MCF-7 cell line lysates (35 µg/lane). NKX3-1 (arrow) was detected using the purified Pab.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN652945.