

Datasheet for ABIN7268927
anti-NKX3-1 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NKX3-1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NKX3-1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	NKX3.1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human NKX3.1
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	NKX3-1
Alternative Name:	NKX3-1 (NKX3-1 Products)
Background:	This gene encodes a homeobox-containing transcription factor. This transcription factor

Target Details

functions as a negative regulator of epithelial cell growth in prostate tissue. Aberrant expression of this gene is associated with prostate tumor progression. Alternate splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jan 2012],BAPX2, NKX3, NKX3.1, NKX3A,Epigenetics & Nuclear Signaling,Transcription Factors,NKX3-1

Molecular Weight: 32kDa

Gene ID: 4824

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,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

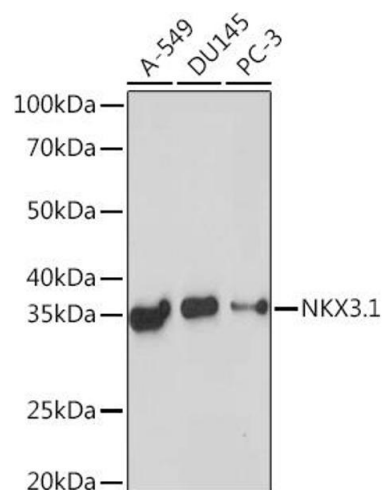
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using NKX3.1 Rabbit mAb (ABIN7268927) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.