# antibodies -online.com







# anti-NKX3-1 antibody (AA 118-145)



## **Images**

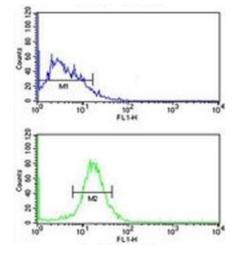


O	V	е	rv	Ì	e	V	V
$\sim$	٧	$\overline{}$	١ ٧		$\overline{}$	٧	۷

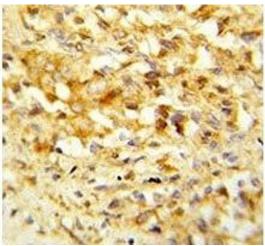
- Overview	
Quantity:	0.4 mL
Target:	NKX3-1
Binding Specificity:	AA 118-145
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX3-1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)
Product Details	
Immunogen:	A portion of amino acids 118-145 from the human protein was used as the immunogen for this NKX3.1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Antigen affinity purified
Target Details	
Target:	NKX3-1
Alternative Name:	NKX3.1 (NKX3-1 Products)
Background:	NKX3.1 is a 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. [UniProt]
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:	The stated application concentrations are suggested starting amounts. Titration of the NKX3.1
	antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
	Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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
Storage Comment:	Store at 4°C for up to one month. For long term, aliquot the NKX3.1 antibody and store frozen at
	-20°C or colder. Avoid repeated freeze-thaw cycles.

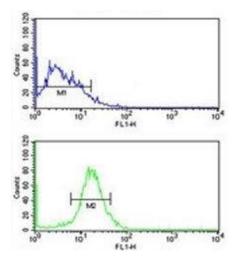


**Image 1.** NKX3.1 antibody flow cytometry analysis of MDA-MB231 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



#### **Immunohistochemistry**

**Image 2.** IHC analysis of FFPE human prostate carcinoma stained with NKX3.1 antibody



#### **Flow Cytometry**

**Image 3.** NKX3.1 antibody flow cytometry analysis of MDA-MB231 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Please check the product details page for more images. Overall 5 images are available for ABIN3032013.