

# NKX3-1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51391

## Product Information

Application	WB, IHC-P
Primary Accession	<a href="#">Q99801</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26350

## Additional Information

Gene ID	4824
Other Names	Homeobox protein Nkx-31, Homeobox protein NK-3 homolog A, NKX3-1, NKX31, NKX3A
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

Name	NKX3-1 ( <a href="#">HGNC:7838</a> )
Function	Transcription factor, which binds preferentially the consensus sequence 5'-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.
Cellular Location	Nucleus {ECO:0000255   PROSITE-ProRule:PRU00108, ECO:0000269   PubMed:11137288}
Tissue Location	Highly expressed in the prostate and, at a lower level, in the testis.

## Background

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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.

## References

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