

**NKX3-1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51391****Specification**

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**NKX3-1 Antibody - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">Q99801</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35 KDa

**NKX3-1 Antibody - 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

E~~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

**NKX3-1 Antibody - Protein Information****Name** NKX3-1 ([HGNC:7838](#))**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.

## **NKX3-1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **NKX3-1 Antibody - Images**

## **NKX3-1 Antibody - Background**

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## **NKX3-1 Antibody - References**

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Prescott J.L., et al. Prostate 35:71-80(1998).  
Korkmaz K.S., et al. Gene 260:25-36(2000).  
Chen H., et al. Cancer Res. 62:338-340(2002).  
Hosohata K., et al. Mol. Cell. Biol. 23:7019-7029(2003).