

NKX3.1 Polyclonal Antibody

Catalog Number:	RA19037
Lot Number:	R6091
Quantity:	1 mg/ml in PBS containing 0.02% sodium azide.
Description:	NKX3.1 is a homeobox gene which exhibits prostate and testis specific expression. Loss of NKX3.1 expression has been implicated in prostate development and tumorigenesis. NKX3.1 expression is dramatically down-regulated in testicular cancer of germ cell origin. Results suggest that NKX3.1 is essential for normal testis function and that its loss of expression is highly associated with the invasive phenotype of testicular germ cell tumors.
Host Species:	Rabbit
Specificity:	Reacts with residues 21-37 (TPSKPLTSFLIQDILRD) of human NKX3.1. This sequence is highly conserved in rat and mouse.
Applications:	Western blot – Use at 1:1,000 dilution. May be diluted up to 1:5,000. However, the investigator should determine the optimal dilution for a specific application such as immunohistochemistry.
Format:	Affinity purified IgG
Storage:	Maintain at +2-8°C for 3 months or at -20°C for longer periods. Stable for 1 year. Avoid repeated freeze-thaw cycles.
References:	Lind G.E. et al. Mol Cancer. 2005 Feb 03;4(1):8. Gelman E.P. et al. Prostate. 2003 May 1;55(2):111-7.

FOR RESEARCH USE ONLY

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