

产品名称: Nkx-3.1 Rabbit Polyclonal Antibody
产品货号: APRab14736



产品概述 (Summary)

产品名称 (Production Name)	Nkx-3.1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NKX3-1
别名 (Alternative Names)	NKX3-1; NKX3.1; NKX3A; Homeobox protein Nkx-3.1; Homeobox protein NK-3 homolog A
基因 ID (Gene ID)	4824.0
蛋白 ID (SwissProt ID)	Q99801.The antiserum was produced against synthesized peptide derived from human NKX3-1. AA range:1-50

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	38kDa

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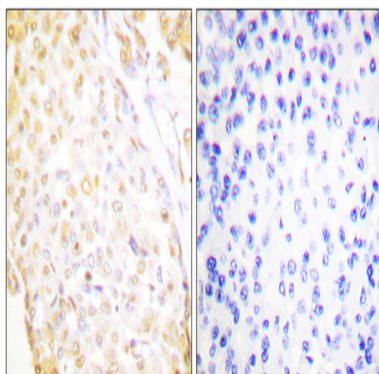
研究背景 (Background)

This gene encodes a homeobox-containing transcription factor. This transcription factor 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], alternative products: Additional isoforms seem to exist, disease: NKX3-1 has been thought to be one of the target gene of the 8p21 loss of heterozygosity, common in prostate cancer, but neither disruption of the coding region of the gene, nor mutations have been found in prostate cancer., function: Transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor. Could play an important role in regulating proliferation of glandular epithelium and in the formation of ducts in prostate., induction: By androgens and, in the LNCAP cell line, by estrogens. Androgenic control may be lost in prostate cancer cells during tumor progression from an androgen-dependent to an androgen-independent phase., similarity: Belongs to the NK-3 homeobox family., similarity: Contains 1 homeobox DNA-binding domain., subunit: Interacts with serum response factor (SRF) (By similarity). Interacts with SPDEF. Interacts with WDR77., tissue specificity: Highly expressed in the prostate and, at a lower level, in the testis.,

研究领域 (Research Area)

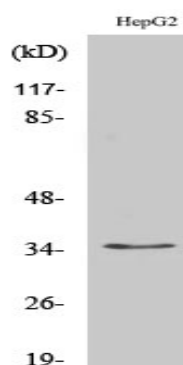
Pathways in cancer; Prostate cancer;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using NKX3.1 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using Nkx-3.1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

注意事项 (Note)

For research use only .