



NKX3.1 (ABT267) Mouse mAb

3.1;Homeobox protein Nkx-3.1;Homeobox protein Nkx3.1;NK homeobox (Drosophila) family 3 A;NK homeobox family 3 A;NK homeobox, family 3, Synthesized peptide derived from human NKX3.1 Specificity The antibody can specifically recognize human NKX3.1 protein. Formulation PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein Source Mouse, Monoclonal/IgG1, Kappa Purification The antibody was affinity-purified from mouse ascites by affinity-chromatograusing specific immunogen. Dilution IHC-p 1:200-400, WB 1:200-1000, Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms BAPX 2;BAPX2;Homeobox protein NK-3 homolog A;Homeobox protein Nkx 3.1;Homeobox protein Nkx-3.1;Homeobox protein Nkx-3.1;Homeobox protein Nkx-3.1;NK homeobox (Drosophila) family 3 A;NK homeobox family 3 A;NK homeobox, family 3, me A;NK3 homeobox 1;NK3 transcription facrelated locus 1;NKX 3;Nkx 3.1;NKX 3;NkX3.1;NKX3,Nkx3-1;NKX3.1;Nkx3 mouse, homolog of;NKX31_HUMAN;NKX3A Observed Band Cell Pathway Nuclear Tissue Specificity Prostate/ Testis		
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Cell Pathway Nuclear Tissue Specificity Prostate/ Testis Function alternative products:Additional isoforms seem to exist, disease:NKX3-1 has be	Synonyms	(Drosophila) family 3 A;NK homeobox family 3 A;NK homeobox, family 3, member A;NK3 homeobox 1;NK3 transcription factor homolog A;NK3 transcription factor related locus 1;NKX 3;Nkx 3.1;NKX 3A;NKX3 1;NKX3;Nkx3-1;NKX3.1;Nkx3.1,
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Function alternative products:Additional isoforms seem to exist, disease:NKX3-1 has be	Cell Pathway	Nuclear
Function alternative products:Additional isoforms seem to exist, disease:NKX3-1 has be	Tissue Specificity	Prostate/ Testis
thought to be one of the target gene of the 8p21 loss of heterozygosity, comin prostate cancer, but neither disruption of the coding region of the gene, not mutations have been found in prostate cancer.,function:Transcription factor,	Function	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,

Nanjing BYabscience technology Co.,Ltd

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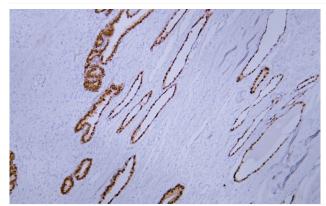


	which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor. Could play an important role in regulating proliferation of glandular epithelium and in the formation of ducts in prostate.,induction:By androgens and, in the LNCAP cell line, by estrogens. 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 f
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.





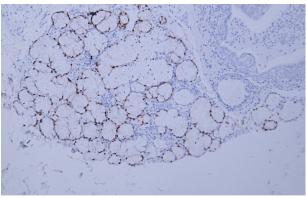
Products Images



Human prostate tissue was stained with Anti-NKX3.1 (ABT267) Antibody



Human prostatic adenocarcinoma tissue was stained with Anti-NKX3.1 (ABT267) Antibody



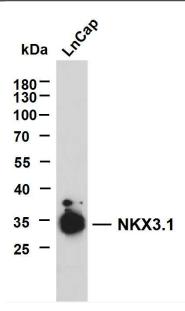
Human salivary gland tissue was stained with Anti-NKX3.1 (ABT267) Antibody

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LnCap whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-NKX3.1(ABT267)antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: LnCap Predicted band size: 26kDa Observed band size: 32kDa