



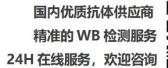
## Nkx-3.1 Monoclonal Antibody

NKX3-1. AA range:1-50  Specificity Nkx-3.1 Monoclonal Antibody detects endogenous levels of Nkx-3.1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms NKX3-1; NKX3-1; NKX3A; Homeobox protein Nkx-3.1; Homeobox protein NK-homolog A  Observed Band 38kD  Cell Pathway Nucleus Tissue Specificity Highly expressed in the prostate and, at a lower level, in the testis.  alternative products: Additional isoforms seem to exist, disease: NKX3-1 has bee 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 regulatin proliferation of glandular epithelium and in the LNCAP cell line, by estrogens. Androgenic control may be lost in prostate cancer cells during tumor progressic		
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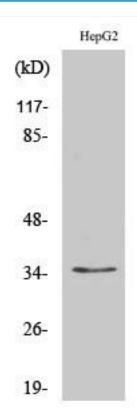






	phase.,similarity:Belongs to the NK-3 homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,subunit:Interacts with serum response f
Background	This gene encodes a homeobox-containing transcription factor. This transcription factor functions as a negative regulator of epithelial cell growth 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**



Western Blot analysis of various cells using Nkx-3.1 Monoclonal Antibody

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