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NKX3.1 Antibody

Rabbit mAb
Catalog # AP91814

Product Information

Application	WB, IHC
Primary Accession	Q99801
Reactivity	Human
Clonality	Monoclonal
Other Names	NKX3; BAPX2; NKX3A; NKX3.1; NKX3-1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	26350

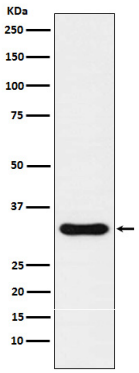
Additional Information

Dilution	WB 1:500~1:1000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Nkx3.1
Description	Transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor. Play an important role in normal prostate development, regulating proliferation of glandular epithelium and in the formation of ducts in prostate.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Images



Western blot analysis of Nkx3.1 expression in LNCaP cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.