

Anti-NKX3.1 Rabbit Monoclonal Antibody

Catalog # ABO15345

Product Information

Application	WB, IHC
Primary Accession	Q99801
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-NKX3.1 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Additional Information

Gene ID	4824
Other Names	Homeobox protein Nkx-3.1, Homeobox protein NK-3 homolog A, NKX3-1 (HGNC:7838)
Calculated MW	26350
Application Details	WB 1:500-1:1000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 19N21
Immunogen	A synthesized peptide derived from human Nkx3.1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

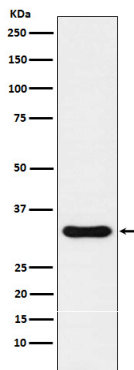
Cellular Location

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'.