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NKX3.1

Rabbit Monoclonal antibody(Mab)
Catalog # AD80224

Product Information

Application	IHC-P
Primary Accession	Q99801
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	787G3C0
Calculated MW	26350

Additional Information

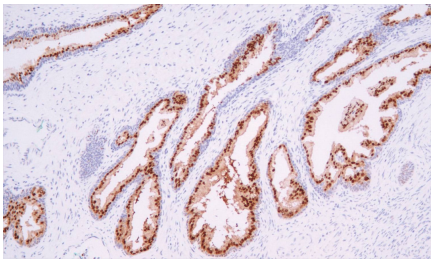
Gene ID	4824
Gene Name	NKX3-1
Other Names	Homeobox protein Nkx-3.1, Homeobox protein NK-3 homolog A, NKX3-1 (HGNC:7838)
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	NKX3.1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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

Immunohistochemical analysis of formalin-fixed and paraffin-embedded human prostatic adenocarcinoma tissue was performed with NKX3.1 primary antibody,



followed by peroxidase-conjugated secondary antibody and DAB staining.

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