



Datasheet for ABIN6263648
anti-NKX3-1 antibody (Internal Region)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	NKX3-1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX3-1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human NKX3.1, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	NKX3.1 Antibody detects endogenous levels of total NKX3.1.
Predicted Reactivity:	Pig,Horse,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	NKX3-1
---------	--------

Target Details

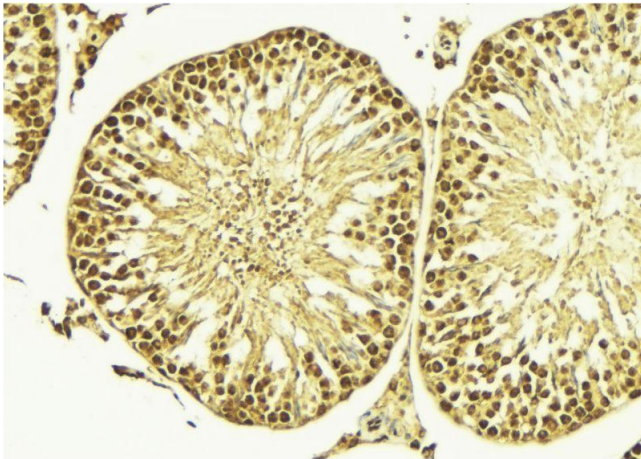
Alternative Name:	NKX3-1 (NKX3-1 Products)
Background:	Description: Transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor. Plays an important role in normal prostate development, regulating proliferation of glandular epithelium 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. Gene: NKX3-1
Molecular Weight:	38kDa
Gene ID:	4824
UniProt:	Q99801
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Positive Regulation of Endopeptidase Activity , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

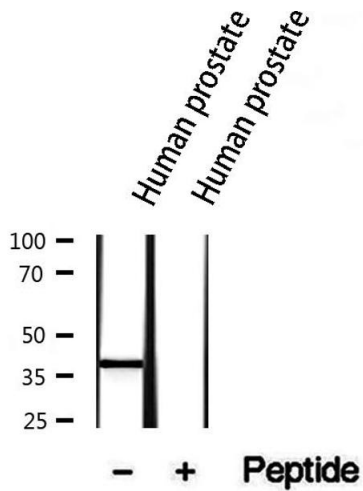
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunohistochemistry

Image 1. ABIN6266600 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of extracts from human prostate, using NKX3.1 Antibody.