

Datasheet for ABIN2780751

anti-NKX3-1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	NKX3-1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX3-1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NKX3-1
Sequence:	FSHQKYLSAP ERAHLAKNLK LTETQVKIWF QNRRYKTKRK QLSSELGDLE
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 93%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against NKX3-1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NKX3-1
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Target Details

Alternative Name:	NKX3-1 (NKX3-1 Products)
Background:	The homeodomain-containing transcription factor NKX3-1 is a putative prostate tumor suppressor that is expressed in a largely prostate-specific and androgen-regulated manner. Loss of NKX3-1 protein expression is a common finding in human prostate carcinomas and prostatic intraepithelial neoplasia. The homeodomain-containing transcription factor NKX3A is a putative prostate tumor suppressor that is expressed in a largely prostate-specific and androgen-regulated manner. Loss of NKX3A protein expression is a common finding in human prostate carcinomas and prostatic intraepithelial neoplasia. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: BAPX2, NKX3, NKX3.1, NKX3A Protein Interaction Partner: STRA13, CHPF, AEN, RABL6, TEX264, STMN3, LMCD1, SPDEF, CKAP4, HNRNPA0, CCT7, HMG20B, FEM1B, HSP90B1, TPT1, RPL37A, RARG, PTMS, PEBP1, ND4, MNAT1, MAN2B1, RPSA, TOP1, WDR77, TOPORS, KAT2B, SP5, SP4, SP3, SP2, SP1, HDAC1, HIPK2, SRF, Protein Size: 234
Molecular Weight:	26 kDa
Gene ID:	4824
NCBI Accession:	NM_006167 , NP_006158
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:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 234 AA
Restrictions:	For Research Use only

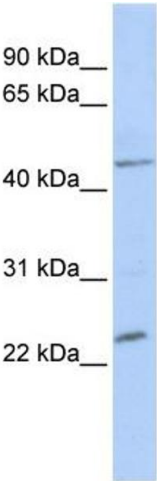
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NKX3-1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate There is BioGPS gene expression data showing that NKX3-1 is expressed in Jurkat