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NKX3-1 Antibody

CATALOG NUMBER: 25-042

Antibody used in WB on Human 293T at
0.2-1 ug/ml.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	NKX3-1 antibody can be used for detection of NKX3-1 by ELISA at 1:62500. NKX3-1 antibody can be used for detection of NKX3-1 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) 293T Cell Lysate
PREDICTED MOLECULAR WEIGHT:	26 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human NKX3-1.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store NKX3-1 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	NKX3-1, BAPX2, NKX3, NKX3.1, NKX3A
ACCESSION NO.:	NP_006158
PROTEIN GI NO.:	19923352

OFFICIAL SYMBOL:	NKX3-1
GENE ID:	4824

Background

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.
REFERENCES:	1) Possner, M., (2008) Int. J. Oncol. 32 (4), 877-884.

FOR RESEARCH USE ONLY

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