

Datasheet for ABIN462123
anti-NKX3-1 antibody (N-Term)

3 Images

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Overview

Quantity:	50 µg
Target:	NKX3-1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NKX3-1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	IHC-plus™
Immunogen:	Fusion protein containing the N-terminal domain of the human Nkx3.1 protein. Type of Immunogen: Fusion protein
Clone:	3-9
Isotype:	IgG1
Specificity:	Reacts with human Nkx3.1 protein, and does not cross-react with mouse. On Western blots, this antibody detects a band at ~34kD. Reactivity has been confirmed with human LN Cap-FGC prostate carcinoma cell lysates.
Purification:	Protein A purified

Target Details

Target:	NKX3-1
Alternative Name:	NKX3-1 (NKX3-1 Products)
Background:	Name/Gene ID: NKX3-1 Synonyms: NKX3-1, BAPX2, NK homeobox, family 3, A, NK3 homeobox 1, NKX3, NKX3.1, Homeobox protein Nkx-3.1, NKX3A
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:	Approved: ELISA (0.1 - 1 µg/mL), IHC, IHC-Fr, IHC-P (10 µg/mL), WB (1 - 3 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

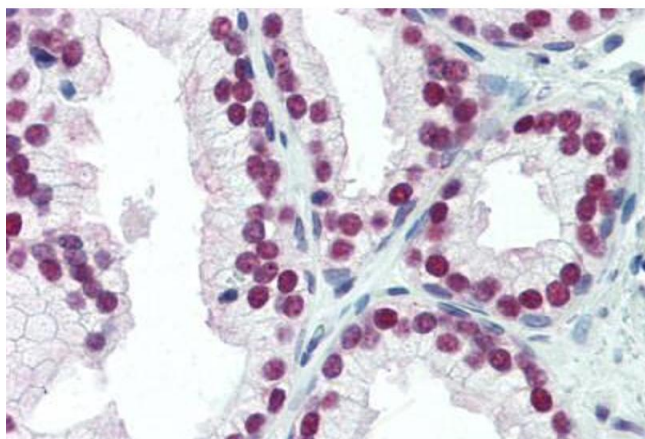
Handling

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C, -20 °C

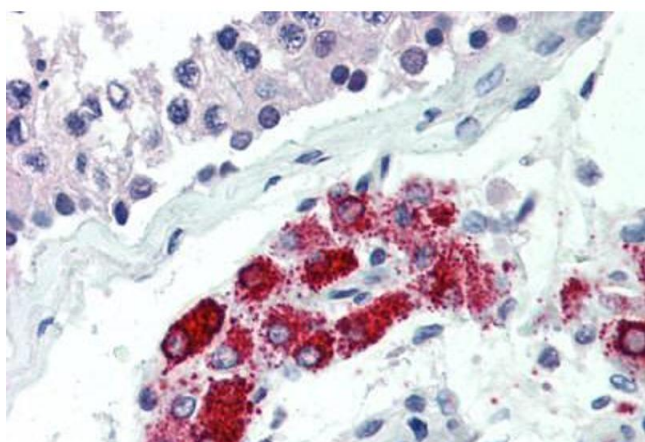
Storage Comment: Short term: 4°C
Long term: -20°C.

Images



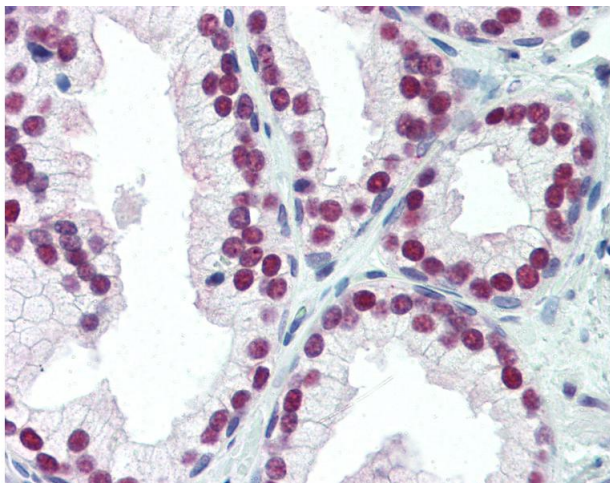
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Prostate (formalin-fixed, paraffin-embedded) stained with NKX3-1 antibody ABIN462123 followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Testis (formalin-fixed, paraffin-embedded) stained with NKX3-1 antibody ABIN462123 followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-NKX3-1 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.