

Mouse NKX3-1 Monoclonal Antibody | anti-NKX3-1 antibody

NKX3-1 (Homeobox Protein Nkx-3.1, Homeobox Protein NK-3 Homolog A, NKX3.1, NKX3A) (Biotin)

CATALOG # AAA24881	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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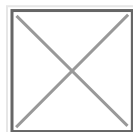
PRODUCT SYNONYMS

NKX3-1; Monoclonal Antibody; NKX3-1 (Homeobox Protein Nkx-3.1; Homeobox Protein NK-3 Homolog A; NKX3.1; NKX3A) (Biotin); anti-NKX3-1 antibody

PRODUCT SPECIFICATIONS

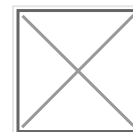
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1C7
Specificity	Recognizes human NKX3-1. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-NKX3-1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa100-210 from human NKX3-1 (NP_006158) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	GSYLLDSENTSGALPRLPQTPKQPQKRSRAAFSHTQVIELERKFHQKYL SAPERAHLAKNLKLTETQVKIWFQNNRYKTKRKQLSSELGDLEKHSSLPAP
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in PBS with 0.1% BSA and 0.1% Triton X-100. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



Application Data

Detection limit for recombinant GST tagged NKX3-1 is ~0.1ng/ml as a capture antibody.



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to NKX3-1 on NIH/3T3 cell. [antibody concentration 10ug/ml]

**WB (Western Blot)**

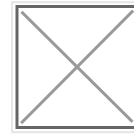
NKX3-1 monoclonal antibody. Western Blot analysis of NKX3-1 expression in NIH/3T3.

**WB (Western Blot)**

NKX3-1 monoclonal antibody. Western Blot analysis of NKX3-1 expression in Raw 264.7.

**WB (Western Blot)**

NKX3-1 monoclonal antibody. Western Blot analysis of NKX3-1 expression in PC-12.

**WB (Western Blot)**

Western Blot detection against Immunogen (37.84kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-NKX3-1 antibody

[Antibodies](#); [Transcription Factors](#); [Homeobox \(HOX\)](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923352
NCBI GeneID	4824
NCBI Accession #	NP_006158
NCBI GenBank Nucleotide #	NM_006167
UniProt Accession #	Q99801 ; O15465 ; Q9H2P4 ; Q9H2P5 ; Q9H2P6 ; Q9H2P7 ; Q9HBG0
Molecular Weight	28.7kDa (257aa)
NCBI Official Full Name	homeobox protein Nkx-3.1 isoform 1
NCBI Official Synonym Full Names	NK3 homeobox 1
NCBI Official Symbol	NKX3-1
NCBI Official Synonym Symbols	NKX3; BAPX2; NKX3A; NKX3.1
NCBI Protein Information	homeobox protein Nkx-3.1
UniProt Protein Name	Homeobox protein Nkx-3.1
UniProt Gene Name	NKX3-1
UniProt Synonym Gene Names	NKX3.1; NKX3A
UniProt Entry Name	NKX31_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nkx3-1-antibody-clone-1c7-immunofluorescence-western-blot-elisa/24881>