

## Rabbit anti-Human, Mouse NKX3.1 Polyclonal Antibody | anti-NKX3.1 antibody

NKX3.1 Polyclonal Antibody

|                               |                       |                                   |                                                         |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA179297</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

NKX3.1; Polyclonal Antibody; NKX3.1 Polyclonal Antibody; BAPX2; NKX3; NKX3A; anti-NKX3.1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                           |
|--------------------------------------------------|-----------------------------------------------------------|
| Host                                             | Rabbit                                                    |
| Reactivity                                       | Human, Mouse                                              |
| Clonality                                        | Polyclonal                                                |
| Isotype                                          | IgG                                                       |
| Purity/Purification                              | Affinity purification                                     |
| Form/Format                                      | PBS with 0.05% proclin300,50% glycerol,pH7.3.             |
| Concentration                                    | 1mg/mL (varies by lot)                                    |
| Applicable Applications for anti-NKX3.1 antibody | IF (Immunofluorescence), WB (Western Blot)                |
| Immunogen                                        | Recombinant fusion protein of human NKX3.1                |
| Research Area                                    | Epigenetics and Nuclear Signaling                         |
| Preparation and Storage                          | Storage: -20 degree C/One year. Avoid freeze/thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of LNCaP cells using NKX3.1 Polyclonal Antibody at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts of Mouse kidney using NKX3.1 Polyclonal Antibody at 1:400 dilution.



#### WB (Western Blot)

Western blot analysis of extracts of LNCaP cells using NKX3.1 Polyclonal Antibody at 1:400 dilution.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NKX3.1 antibody | This gene encodes a homeobox-containing transcription factor. This transcription factor functions as a negative regulator of epithelial cell growth in prostate tissue. Aberrant expression of this gene is associated with prostate tumor progression. Alternate splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jan 2012] |
| Product Categories/Family for anti-NKX3.1 antibody   | Antibodies; Primary Antibodies; Polyclonal Antibody                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 373432628                                                                                                                                                          |
| NCBI GeneID                      | 4824                                                                                                                                                               |
| NCBI Accession #                 | NP_001243268.1                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_001256339.1                                                                                                                                                     |
| UniProt Accession #              | Q99801; O15465; Q9H2P4; Q9H2P5; Q9H2P6; Q9H2P7; Q9HBG0                                                                                                             |
| Molecular Weight                 | 26,350 Da                                                                                                                                                          |
| NCBI Official Full Name          | homeobox protein Nkx-3.1 isoform 2                                                                                                                                 |
| 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; NK homeobox, family 3, A; homeobox protein NK-3 homolog A; NK3 transcription factor homolog A; NK3 transcription factor related, locus 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nkx31-antibody-immunofluorescence-western-blot-elisa/179297>