

## NKX3.1 Polyclonal Antibody

catalog number: **E-AB-92285**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

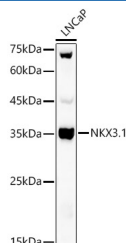
### Description

<b>Reactivity</b>	Human;Mouse
<b>Immunogen</b>	Recombinant fusion protein of human NKX3.1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:500-1:2000
<b>IF</b>	1:50-1:200

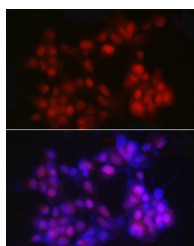
### Data



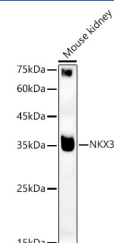
Western blot analysis of extracts of LNCaP cells using NKX3.1 Polyclonal Antibody at 1:400 dilution.

**Observed-MW:34-38 kDa**

**Calculated-MW:32 kDa**



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



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

**Observed-MW:34-38 kDa**

**Calculated-MW:32 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

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]

### For Research Use Only