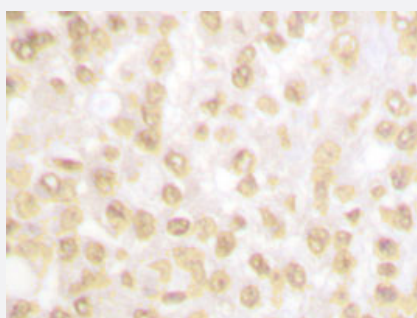


# NKX3-1 polyclonal antibody

Catalog # PAB24828      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NKX3-1 polyclonal antibody (Cat # PAB24828).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of NKX3-1.
<b>Immunogen</b>	A synthetic peptide corresponding to NKX3-1.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	38
<b>Reactivity</b>	Human
<b>Specificity</b>	NKX3-1 polyclonal antibody detects endogenous levels of NKX3-1 protein.
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	1 mg/mL
<b>Purity</b>	> 95% by SDS-PAGE
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.

<b>Storage Buffer</b>	In 1x PBS, pH 7.2 (0.05% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NKX3-1 polyclonal antibody (Cat # PAB24828).

## Gene Info — NKX3-1

<b>Entrez GeneID</b>	<a href="#">4824</a>
<b>Gene Name</b>	NKX3-1
<b>Gene Alias</b>	BAPX2, NKX3, NKX3.1, NKX3A
<b>Gene Description</b>	NK3 homeobox 1
<b>Omim ID</b>	<a href="#">602041</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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.[supplied by OMIM]
<b>Other Designations</b>	NK homeobox, family 3, A NK3 transcription factor homolog A NK3 transcription factor related, locus 1 OTTHUMP00000123534

## Pathway

- [Pathways in cancer](#)

- [Prostate cancer](#)

## Disease

- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)