



Anti-NKX3-1 (aa 100-209) polyclonal antibody (DPAB-DC2033)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	NKX3-1 (NP_006158, 100 a.a. ~ 209 a.a) partial recombinant protein with GST tag. The sequence is GSYLLDSENTSGALPRLPQTPKQPQKRSRAAFSHTQVIELERKFHQSAPERAHLAK NLKLTETQVKIWFQNRRYKTKRQLSSELGDLEKHSSLPALKEAFSRAS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NKX3-1 NK3 homeobox 1 [Homo sapiens (human)]
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Official Symbol	NKX3-1
Synonyms	NKX3-1; NK3 homeobox 1; NKX3; BAPX2; NKX3A; NKX3.1; 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;
Entrez Gene ID	4824
Protein Refseq	NP_001243268
UniProt ID	Q99801
Chromosome Location	8p21.2
Pathway	Coregulation of Androgen receptor activity; Pathways in cancer; Prostate cancer;
Function	MADS box domain binding; RNA polymerase II core promoter sequence-specific DNA binding transcription factor activity; androgen receptor activity; core promoter binding
