

## NKX3-1 Polyclonal Antibody

Catalog number: 13069-1-AP

Size: 30 µg/150 µl

Source: Rabbit

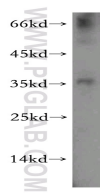
Isotype: IgG

Synonyms:

NKX3-1; NKX3, NKX3 1,

NKX3.1, NKX3A, NK3

homeobox 1



human testis tissue were subjected to SDS PAGE followed by western blot with 13069-1-AP(NKX3-1 antibody) at dilution of 1:800

### Background

NKX3-1, also named as NKX3.1 and NKX3A, belongs to the NK-3 homeobox family. It is a transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor. NKX3-1 plays an important role in normal prostate development, regulating proliferation of glandular epithelium and in the formation of ducts in prostate. It act as a tumor suppressor controlling prostate carcinogenesis, as shown by the ability to inhibit proliferation and invasion activities of PC-3 prostate cancer cells(PMID:19462257).

### Applications

Tested applications:	ELISA, WB
Species specificity:	Human, mouse, rat; other species not tested.
Calculated NKX3-1 MW:	234aa,26 kDa
Observed NKX3-1 MW:	36kd
Positive WB detected in	Human testis tissue
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag4070
GenBank accession number:	BC074864
Gene ID (NCBI):	4824
Full name:	NK3 homeobox 1

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.