

Anti-Human NKX3-1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05292

3th Edition

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. NKX3-1 (NK3 Homeobox 1) is a Protein Coding gene. Diseases associated with NKX3-1 include Chromosome 8P Deletion and Prostate Cancer. Among its related pathways are Sudden Infant Death Syndrome (SIDS) Susceptibility Pathways and Pathways in cancer. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and transcription factor binding. An important paralog of this gene is NKX3-2.

Antigen: Synthesized peptide derived from the N-terminal region of human Nkx-3.1

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Highly expressed in the prostate and, at a lower level, in the testis.