

NKX3-1 Antibody (clone 4H4)
Mouse Monoclonal Antibody
Catalog # ALS13202**Specification**

NKX3-1 Antibody (clone 4H4) - Product Information

Application	IHC
Primary Accession	Q99801
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	26kDa KDa

NKX3-1 Antibody (clone 4H4) - Additional Information**Gene ID** 4824**Other Names**

Homeobox protein Nkx-3.1, Homeobox protein NK-3 homolog A, NKX3-1, NKX3.1, NKX3A

Target/Specificity

Human NKX3-1

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

NKX3-1 Antibody (clone 4H4) is for research use only and not for use in diagnostic or therapeutic procedures.

NKX3-1 Antibody (clone 4H4) - Protein Information**Name** NKX3-1 ([HGNC:7838](#))**Function**

Transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor. Plays an important role in normal prostate development, regulating proliferation of glandular epithelium and in the formation of ducts in prostate. Acts as a tumor suppressor controlling prostate carcinogenesis, as shown by the ability to inhibit proliferation and invasion activities of PC-3 prostate cancer cells.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:11137288}

Tissue Location

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

Volume

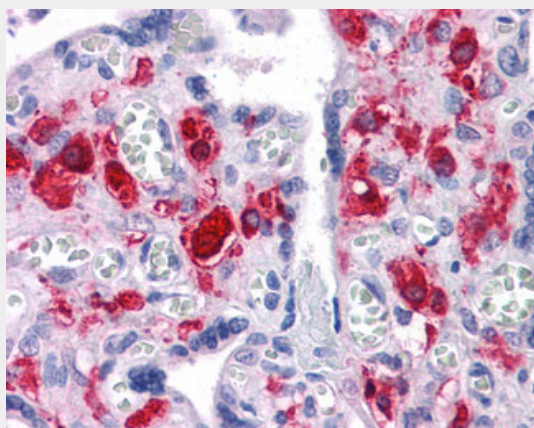
50 µl

NKX3-1 Antibody (clone 4H4) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NKX3-1 Antibody (clone 4H4) - Images



Anti-NKX3-1 antibody IHC of human placenta.

NKX3-1 Antibody (clone 4H4) - Background

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NKX3-1 Antibody (clone 4H4) - References

He W.-W., et al. Genomics 43:69-77(1997).
Prescott J.L., et al. Prostate 35:71-80(1998).
Korkmaz K.S., et al. Gene 260:25-36(2000).
Chen H., et al. Cancer Res. 62:338-340(2002).
Hosohata K., et al. Mol. Cell. Biol. 23:7019-7029(2003).