

Product datasheet for **TA805090**

Nkx3.1 (NKX3-1) Mouse Monoclonal Antibody [Clone ID: OTI3H7]

Product data:

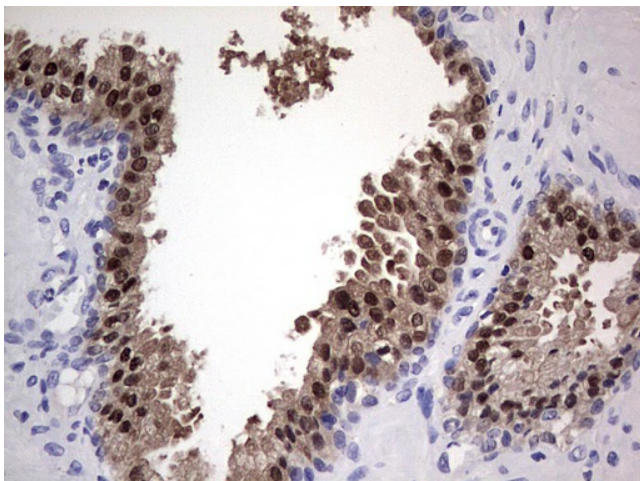
| | |
|--------------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI3H7 |
| Applications: | IHC |
| Recommended Dilution: | IHC 1:150 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human NKX3-1 (NP_006158) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 26.2 kDa |
| Gene Name: | NK3 homeobox 1 |
| Database Link: | NP_006158 Entrez Gene 4824 Human Q99801 |
| Background: | 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. [provided by RefSeq, Jan 2012] |
| Synonyms: | BAPX2; NKX3; NKX3.1; NKX3A |
| Protein Families: | Druggable Genome, Transcription Factors |



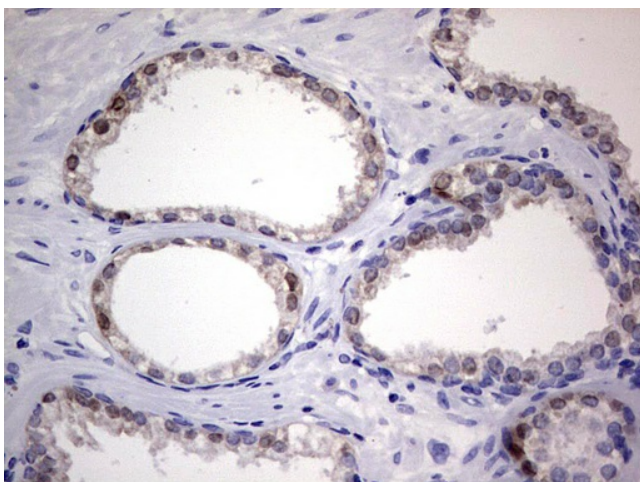
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Protein Pathways: Pathways in cancer, Prostate cancer

Product images:



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-NKX3-1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA805090)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-NKX3-1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA805090)