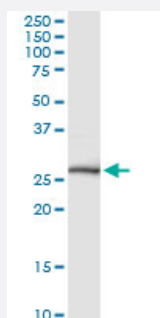


# NKX3-1 monoclonal antibody (M01), clone 3H6

Catalog # H00004824-M01

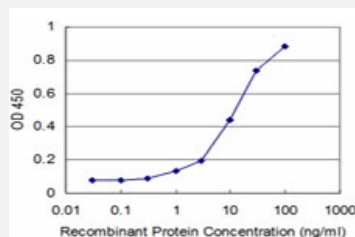
Size 100 ug

## Applications



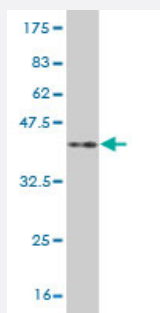
### Western Blot (Tissue lysate)

NKX3-1 monoclonal antibody (M01), clone 3H6. Western Blot analysis of NKX3-1 expression in human colon.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NKX3-1 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant NKX3-1.

|                                |                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>               | NKX3-1 (NP_006158, 100 a.a. ~ 209 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.   |
| <b>Sequence</b>                | GSYLLDSENTSGALPRLPQTPKQPQKRSRAAFSHTQVIELERKFESHQKYL SAPERAH LAKNLKLT<br>ETQVKIWFQNRRYKTKRKQLSSELGDLEKHSSLPALKEEAFSRAS |
| <b>Host</b>                    | Mouse                                                                                                                 |
| <b>Reactivity</b>              | Human                                                                                                                 |
| <b>Isotype</b>                 | IgG2a Kappa                                                                                                           |
| <b>Quality Control Testing</b> | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.84 KDa) .              |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4                                                                                                     |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                              |

## Applications

- Western Blot (Tissue lysate)

NKX3-1 monoclonal antibody (M01), clone 3H6. Western Blot analysis of NKX3-1 expression in human colon.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NKX3-1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — NKX3-1

|                            |                           |
|----------------------------|---------------------------|
| <b>Entrez GeneID</b>       | <a href="#">4824</a>      |
| <b>GeneBank Accession#</b> | <a href="#">NM_006167</a> |
| <b>Protein Accession#</b>  | <a href="#">NP_006158</a> |

|                    |                                                                                                                                                                                                                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name          | NKX3-1                                                                                                                                                                                                                                                                                                                       |
| Gene Alias         | BAPX2, NKX3, NKX3.1, NKX3A                                                                                                                                                                                                                                                                                                   |
| Gene Description   | NK3 homeobox 1                                                                                                                                                                                                                                                                                                               |
| Omim ID            | <a href="#">602041</a>                                                                                                                                                                                                                                                                                                       |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                    |
| Gene Summary       | The homeodomain-containing transcription factor NKX3-1 is a putative prostate tumor suppressor that is expressed in a largely prostate-specific and androgen-regulated manner. Loss of NKX3-1 protein expression is a common finding in human prostate carcinomas and prostatic intraepithelial neoplasia.[supplied by OMIM] |
| Other Designations | NK homeobox, family 3, A NK3 transcription factor homolog A NK3 transcription factor related, locus 1 OTTHUMP00000123534                                                                                                                                                                                                     |

## Pathway

- [Pathways in cancer](#)
- [Prostate cancer](#)

## Disease

- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)