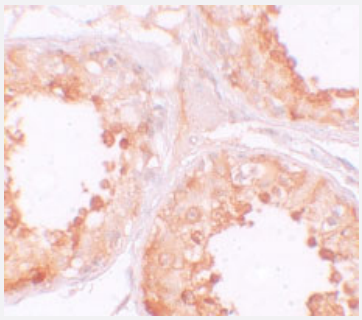
# YBX2 polyclonal antibody

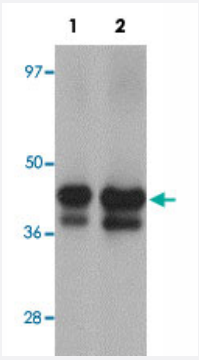
Catalog # PAB19295 Size 100 ug

## Applications



### Immunohistochemistry

Immunohistochemical staining of human testis cells with YBX2 polyclonal antibody (Cat # PAB19295) at 10 ug/mL.




### Western Blot (Tissue lysate)

Western blot analysis of YBX2 in human testis tissue lysate with YBX2 polyclonal antibody (Cat # PAB19295) at (1) 1 and (2) 2 ug/mL.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody rasied against synthetic peptide of YBX2. |
| **Immunogen** | A synthetic peptide corresponding to 18 amino acids near C-terminus of human YBX2. |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Form** | Liquid |
| **Purification** | Peptide affinity purification |

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| | |
|---|---|
| **Concentration** | 1 mg/mL |
| **Recommend Usage** | Western Blot (1-2 ug/mL)<br>Immunohistochemistry (10 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (0.09% sodium azide) |
| **Storage Instruction** | Store at 4°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry

  Immunohistochemical staining of human testis cells with YBX2 polyclonal antibody (Cat # PAB19295) at 10 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Tissue lysate)

  Western blot analysis of YBX2 in human testis tissue lysate with YBX2 polyclonal antibody (Cat # PAB19295) at (1) 1 and (2) 2 ug/mL.

## Gene Info — YBX2

| | |
|---|---|
| **Entrez GeneID** | 51087 |
| **Protein Accession#** | NP_057066 |
| **Gene Name** | YBX2 |
| **Gene Alias** | CONTRIN, CSDA3, DBPC, MGC45104, MSY2 |
| **Gene Description** | Y box binding protein 2 |
| **Omim ID** | 611447 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | YBX2 is a germ-cell specific member of the vertebrate Y box family of nucleic acid-binding protein s (Gu et al., 1998 [PubMed 9780336]; Tekur et al., 1999 [PubMed 10100484]).[supplied by OMIM |
| **Other Designations** | germ cell specific Y-box binding protein |

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## Publication Reference

- RNA binding protein Musashi-2 regulates PIWIL1 and TBX1 in mouse spermatogenesis.

  Jessie M Sutherland, Alexander P Sobinoff, Barbara A Fraser, Kate A Redgrove, Nicole A Siddall, Peter Koopman, Gary R Hime, Eileen A McLaughlin

  J Cell Physiol 2018 Apr; 233(4):3262-3273.

  Application: IHC

## Disease

- Azoospermia
- Genetic Predisposition to Disease
- Infertility
- Oligospermia

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