# Product Datasheet

## Rhox8 Antibody
## NBP2-23671

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**Reviews: 1 Publications: 2**

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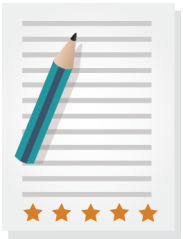
Updated 10/23/2024 v.20.1





# NBP2-23671

Rhox8 Antibody

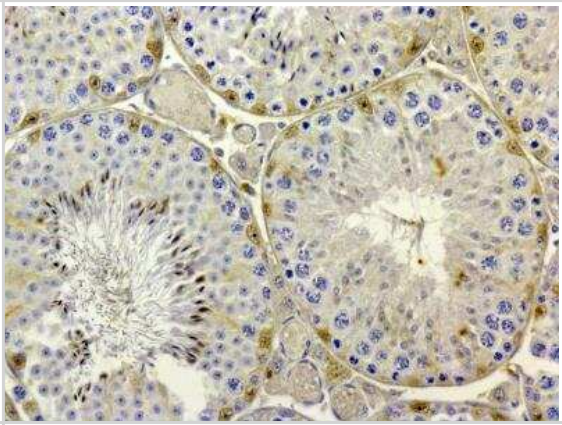
| Product Information | |
|---|---|
| **Unit Size** | 0.1 ml |
| **Concentration** | This product is unpurified. The exact concentration of antibody is not quantifiable. |
| **Storage** | Store at -20C. Avoid freeze-thaw cycles. |
| **Clonality** | Polyclonal |
| **Preservative** | 0.025% Sodium Azide |
| **Isotype** | IgG |
| **Purity** | Unpurified |
| **Buffer** | 0.1 ml crude antibody whole antisera with 50% Glycerol |

| Product Description | |
|---|---|
| **Host** | Rabbit |
| **Gene ID** | 434768 |
| **Species** | Mouse |
| **Reactivity Notes** | Immunogen displays the following percentage of sequence identity for non-tested species: Chicken (89%). |
| **Immunogen** | Within the range of amino acids 30-60 of mouse Rhox-8 protein were used as the immunogen for the antibody. |

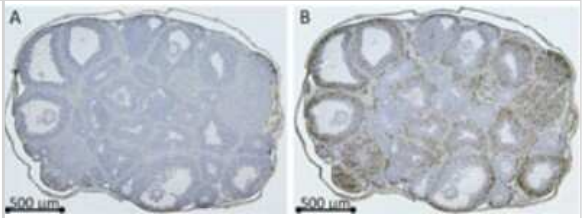
| Product Application Details | |
|---|---|
| **Applications** | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA |
| **Recommended Dilutions** | Western Blot reported in scientific literature (PMID 25972016), Immunohistochemistry reported by customer review, Immunohistochemistry-Paraffin 1:10-1:500, Peptide ELISA 1:100-1:2000 |

## Images

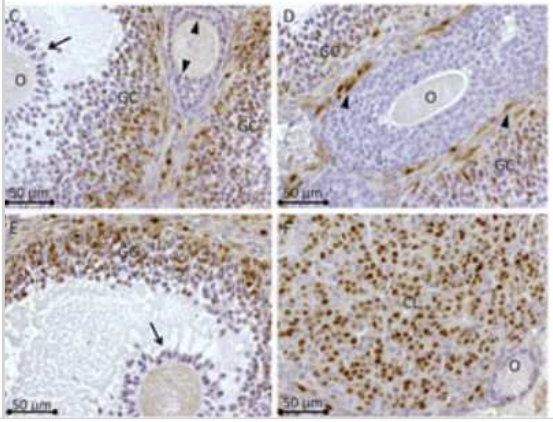
Immunohistochemistry: Rhox8 Antibody [NBP2-23671] - analysis of Rhox8 in Bouins-fixed Mouse testis using anti-Rhox8 antibody. Image from verified customer review.



Immunohistochemistry-Paraffin: Rhox8 Antibody [NBP2-23671] - Immunolocalization of Rhox-8 protein in mice. Serial ovarian sections from eCG primed mice, after 8 h hCG-treated mice were incubated with either preimmune serum (1:250 dilution, A) or Rhox-8 antibody (1:2500 dilution, B).




Immunohistochemistry-Paraffin: Rhox8 Antibody [NBP2-23671] - Visualization by diaminobenzidine staining reveals that most of the Rhox-8 protein is localized to granulosa cells of large antral follicles (granulosa cells are shown at higher magnification in C-;F). Weak Rhox-8 protein staining can be observed in some granulosa cells of preantral follicles (C, arrowheads) and is absent in cumulus granulosa cells (C and E, arrows) surrounding the oocyte (O). D) Nuclei of thecal cells (arrowheads) are also positive for Rhox-8. F) Rhox-8 expression remains in the corpus luteum (CL) of postovulatory follicles.




## Publications

Welborn JP, Davis MG, Ebers SD et al. Rhox8 Ablation in the Sertoli Cells Using a Tissue-Specific RNAi Approach Results in Impaired Male Fertility in Mice. Biol. Reprod. 2015-05-13 [PMID: 25972016] (WB, IHC-P, Mouse)

Brown RM, Davis MG, Hayashi K, MacLean JA. Regulated expression of Rhox8 in the mouse ovary: evidence for the role of progesterone and RHOX5 in granulosa cells. Biol Reprod. 2013-05-23 [PMID: 23536368] (IHC-P)

Details:
Imgenex antibodies cited used for IHC-p in granulosa cells: RHOX8 (IMX-5966). See Figs 2 and 6.

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**Limitations**
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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