

# Product Datasheet

## SOX2 Antibody NBP2-24390

Unit Size: 0.1 mg

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

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### Publications: 2

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**NBP2-24390**

## SOX2 Antibody

| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 mg                                   |
| Concentration       | 0.5 mg/ml                                |
| Storage             | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality           | Polyclonal                               |
| Preservative        | 0.05% Sodium Azide                       |
| Isotype             | IgG                                      |
| Purity              | Immunogen affinity purified              |
| Buffer              | PBS and 0.05% BSA                        |

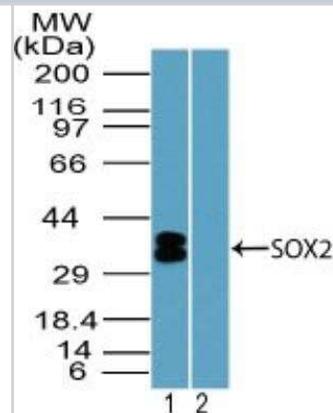
| Product Description |  |
|---------------------|--|
| Description         | Novus Biologicals Rabbit SOX2 Antibody (NBP2-24390) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SOX2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit   |
| Gene ID             | 6657   |
| Gene Symbol         | SOX2   |
| Species             | Human, Mouse, Porcine, Chicken, Feline, Primate  |
| Reactivity Notes    | Xenopus (88%) Chimpanzee (81%)   |
| Marker              | Embryonic Stem Cell Marker   |
| Immunogen           | A portion of amino acids 100-150 of human SOX2 was used as the immunogen for the antibody.   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                    |
| Recommended Dilutions       | Western Blot 1-3 ug/ml, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 20 ug/ml |

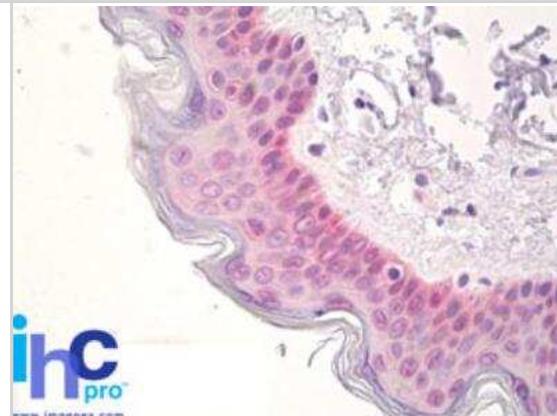


## Images

Western Blot: SOX2 Antibody [NBP2-24390] - Analysis of SOX2 in mouse embryo brain lysate in the 1) absence and 2) presence of immunizing peptide using this antibody. Goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Immunohistochemistry-Paraffin: SOX2 Antibody [NBP2-24390] - FFPE human skin stained with SOX2 antibody at 20 ug/ml.



## Publications

Liu SM, Ifebi B, Johnson Iii F et al. The gut signals to AGRP expressing cells of the pituitary to control glucose homeostasis *The Journal of clinical investigation* 2023-02-14 [PMID: 36787185] (Immunohistochemistry, Mouse)

Kaseb HO, Fohrer-Ting H, Lewis DW et al. Identification, expansion and characterization of cancer cells with stem cell properties from head and neck squamous cell carcinomas *Exp. Cell Res.* 2016-09-09 [PMID: 27619333] (ICC/IF, Human)



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### **Products Related to NBP2-24390**

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|             |   |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008      | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160      | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891  | Rabbit IgG Isotype Control                          |

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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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