

# Product Datasheet

## **SOX6 Antibody (CL5690) - BSA Free NBP2-61423**

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-61423**

SOX6 Antibody (CL5690) - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL5690
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

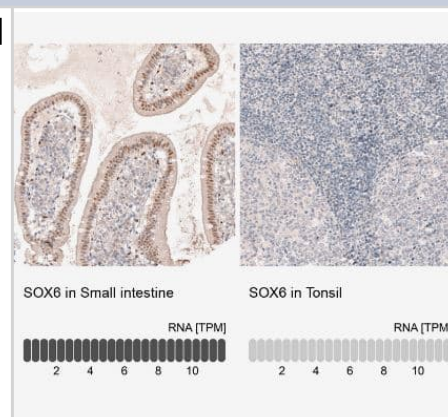
<b>Description</b>	Novus Biologicals Mouse SOX6 Antibody (CL5690) - BSA Free (NBP2-61423) is a monoclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	55553
<b>Gene Symbol</b>	SOX6
<b>Species</b>	Human
<b>Reactivity Notes</b>	Mouse (84%), Rat (89%).
<b>Immunogen</b>	This antibody was developed using a synthetic peptide derived from P35712, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

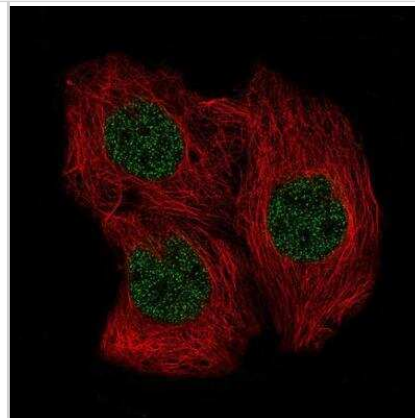
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: PFA/Triton X-100

**Images**

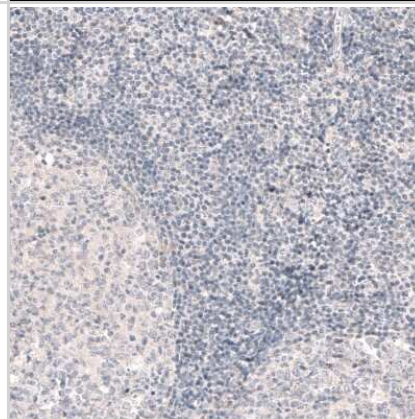
Immunohistochemistry-Paraffin: SOX6 Antibody (CL5690) [NBP2-61423]  
- Analysis in human small intestine and tonsil tissues using NBP2-61423 antibody. Corresponding SOX6 RNA-seq data are presented for the same tissues.



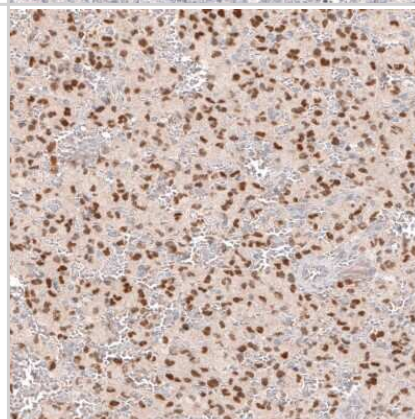
Immunocytochemistry/Immunofluorescence: SOX6 Antibody (CL5690) [NBP2-61423] - Staining of CACO-2 cells using the Anti-SOX6 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



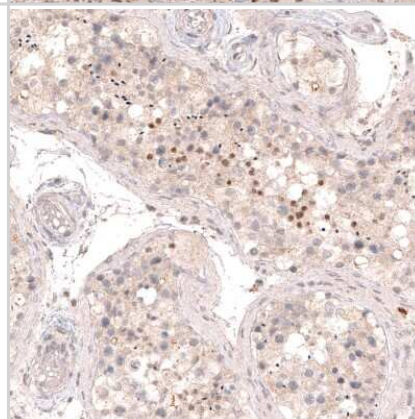
Immunohistochemistry-Paraffin: SOX6 Antibody (CL5690) [NBP2-61423] - Staining of human tonsil shows no nuclear immunoreactivity in lymphoid cells as expected (negative control).



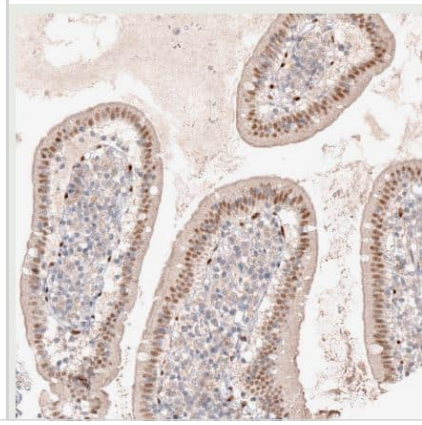
Immunohistochemistry-Paraffin: SOX6 Antibody (CL5690) [NBP2-61423] - Staining of human glioma shows moderate to strong nuclear positivity in tumor cells.



Immunohistochemistry-Paraffin: SOX6 Antibody (CL5690) [NBP2-61423] - Staining of human testis shows moderate nuclear immunoreactivity in a subset of cells in seminiferous tubules.



Immunohistochemistry-Paraffin: SOX6 Antibody (CL5690) [NBP2-61423]  
- Staining of human small intestine shows moderate nuclear positivity in glandular cells.





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### **Products Related to NBP2-61423**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
H00055553-Q01-10ug	Recombinant Human SOX6 GST (N-Term) Protein

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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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