

# Product Datasheet

## SOX2 Antibody (SOX2/1791)

### NBP2-53407-100ug

Unit Size: 100 ug

Store at 4C.

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Updated 10/23/2024 v.20.1

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**NBP2-53407-100ug**

SOX2 Antibody (SOX2/1791)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	SOX2/1791
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	34 kDa

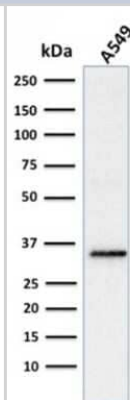
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54594)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	6657
Gene Symbol	SOX2
Species	Human, Mouse
Marker	Embryonic Stem Cell Marker
Immunogen	Recombinant fragment (within aa176-305) of human SOX2 protein (exact sequence is proprietary) (Uniprot: P48431)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 2-4 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA. Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

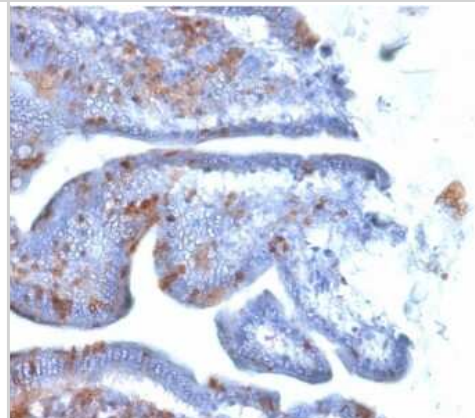


## Images

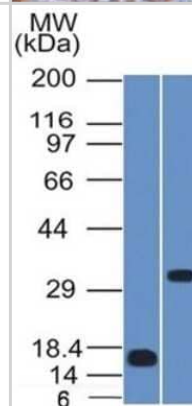
Western Blot: SOX2 Antibody (SOX2/1791) [NBP2-53407] - Western Blot Analysis of human A549 cell lysate using SOX2 Antibody (SOX2/1791).



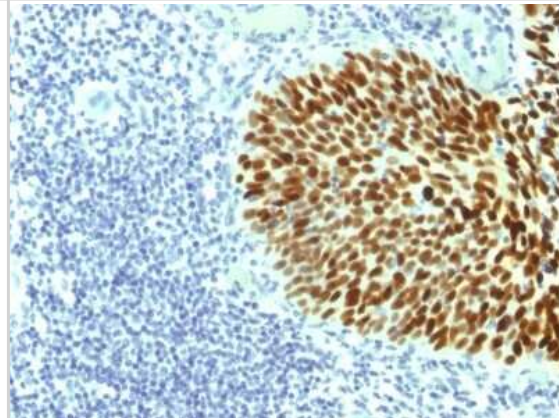
Immunohistochemistry-Paraffin: SOX2 Antibody (SOX2/1791) [NBP2-53407] - Formalin-fixed, paraffin-embedded Mouse Intestine stained with SOX2 Antibody (SOX2/1791).



Western Blot: SOX2 Antibody (SOX2/1791) [NBP2-53407] - Western Blot of Recombinant SOX2 protein fragment and NCCIT cell lysate using SOX2 Antibody (SOX2/1791).



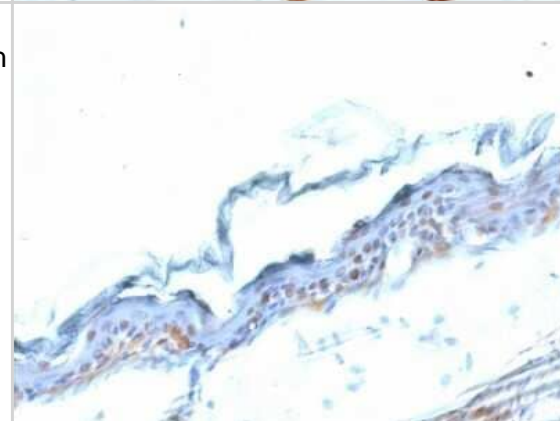
Immunohistochemistry-Paraffin: SOX2 Antibody (SOX2/1791) [NBP2-53407] - Formalin-fixed, paraffin-embedded Human Cervical Carcinoma stained with SOX2 Monoclonal Antibody (SOX2/1791).



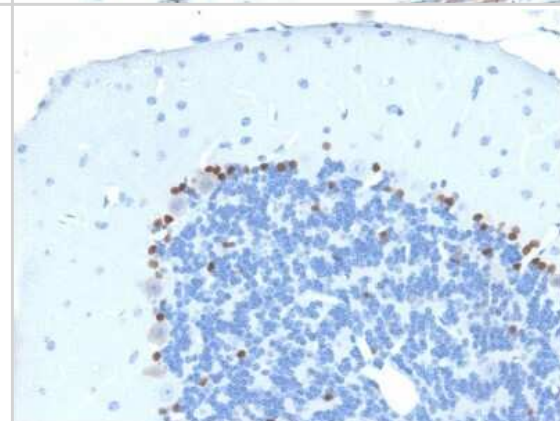
Immunohistochemistry-Paraffin: SOX2 Antibody (SOX2/1791) [NBP2-53407] - Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with SOX2 Antibody (SOX2/1791).



Immunohistochemistry-Paraffin: SOX2 Antibody (SOX2/1791) [NBP2-53407] - Formalin-fixed, paraffin-embedded Mouse Stomach stained with SOX2 Antibody (SOX2/1791).



Immunohistochemistry-Paraffin: SOX2 Antibody (SOX2/1791) [NBP2-53407] - Formalin-fixed, paraffin-embedded Mouse Brain stained with SOX2 Antibody (SOX2/1791).



Protein Array: SOX2 Antibody (SOX2/1791) [NBP2-53407] - Analysis of Protein Array containing more than 19,000 full-length human proteins using SOX2 Antibody (SOX2/1791) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD?s) above the mean value of all signals generated on that array. If targets on HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD?s) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5.





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### **Products Related to NBP2-53407-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-35268-5ug	Recombinant Human SOX2 TAT 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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