

Product Datasheet

SOX17 Antibody (OTI2B6)

NBP1-47996

Unit Size: 0.1 ml

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

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NBP1-47996

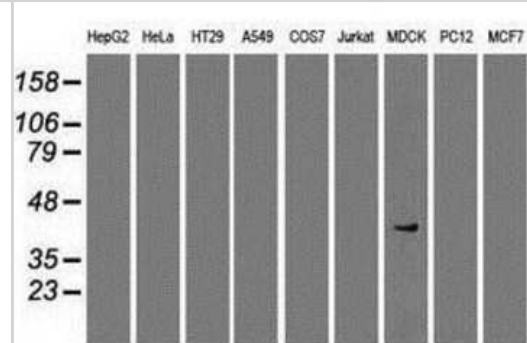
SOX17 Antibody (OTI2B6)

Product Information	
Unit Size	0.1 ml
Concentration	0.15 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2B6
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	43.9 kDa
Product Description	
Description	Novus Biologicals Mouse SOX17 Antibody (OTI2B6) (NBP1-47996) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SOX17 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	64321
Gene Symbol	SOX17
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This antibody is specific for Homo sapiens SRY (sex determining region Y)-box 17 (SOX17).
Immunogen	Recombinant protein expressed in E.coli corresponding to amino acids 177-414 of human SOX17
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:50

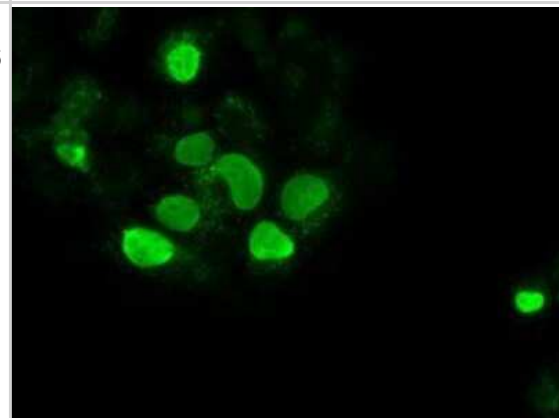


Images

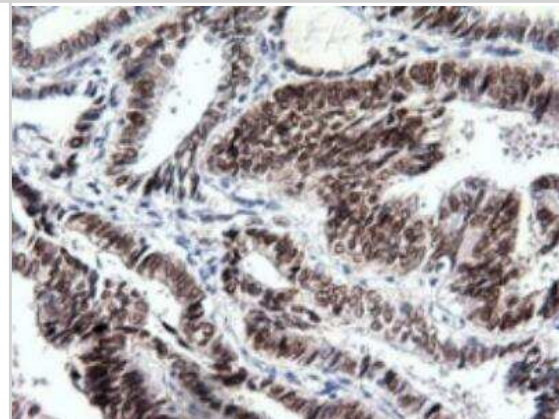
Western Blot: SOX17 Antibody (OTI2B6) [NBP1-47996] - Analysis of extracts (35ug) from 9 different cell lines by using anti-SOX17 monoclonal antibody.



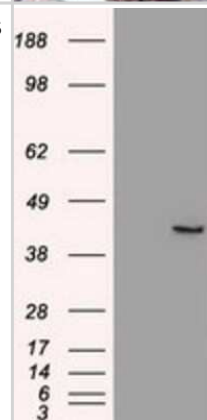
Immunocytochemistry/Immunofluorescence: SOX17 Antibody (OTI2B6) [NBP1-47996] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY SOX17.



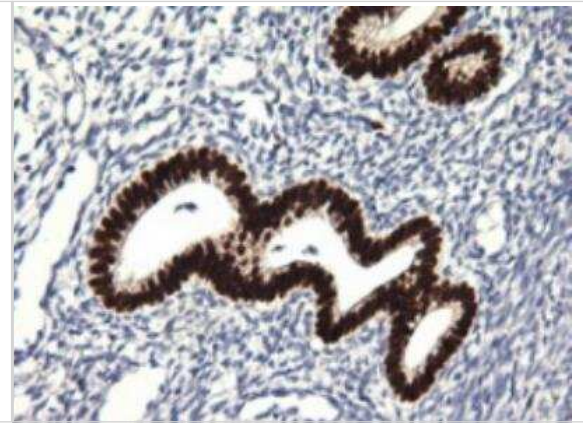
Immunohistochemistry-Paraffin: SOX17 Antibody (OTI2B6) [NBP1-47996] - Human endometrium tissue using anti-SOX17 mouse monoclonal antibody. Dilution Factor: 1:50; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.



Western Blot: SOX17 Antibody (OTI2B6) [NBP1-47996] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SOX17(Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SOX17.



Immunohistochemistry-Paraffin: SOX17 Antibody (OTI2B6) [NBP1-47996] - Human endometrium tissue within the normal limits using anti-SOX17 mouse monoclonal antibody. Dilution Factor: 1:50; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.



Publications

Jiang, C;Huang, W;Zhou, Y;Wang, J;Lei, H;Niu, Y;Zhou, R;Zhang, Y; Generating a human induced pluripotent stem cell line (XACHi018-A) from a Timothy syndrome infant carrying heterozygous CACNA1C c.1216G>A (p.G406R) mutation Stem cell research 2024-07-28 [PMID: 39079396]



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Products Related to NBP1-47996

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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