

Product Datasheet

SOX2 Antibody 29930002-0.1mg

Unit Size: 0.1 mg

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

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Publications: 2

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29930002-0.1mg

SOX2 Antibody

Product Information

Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl

Product Description

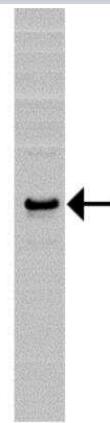
Host	Rabbit
Gene ID	6657
Gene Symbol	SOX2
Species	Human
Reactivity Notes	Human.
Marker	Embryonic Stem Cell Marker
Specificity/Sensitivity	This product is specific for Human SOX2.
Immunogen	This antibody is specific for the Middle Region of the target protein.
Notes	Manufactured by SDIX's proprietary Genomic Antibody Technology™. GAT FAQs .

Product Application Details

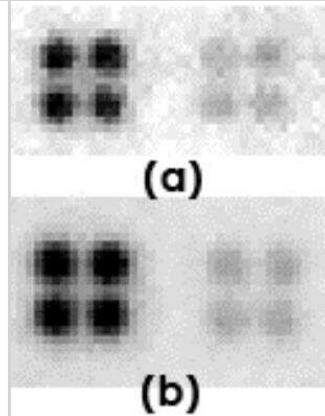
Applications	Western Blot, Dot Blot, ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Dot Blot 1:100-1:2000
Application Notes	This antibody is useful in ELISA.

Images

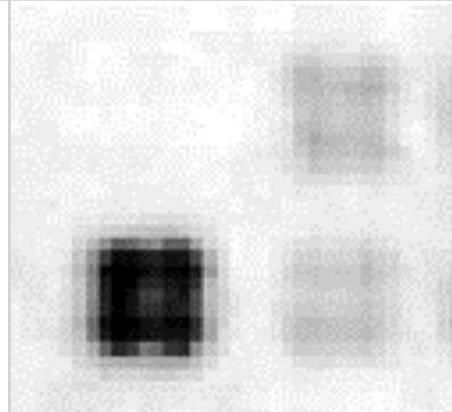
Western Blot: SOX2 Antibody [29930002] - Cell lysate from 293 over expressing SOX2 was subjected to SDS-PAGE and transfer to nitrocellulose membrane. The membrane was incubated with anti-SOX2 antibody (1:1000 dilution) and then probed with anti-rabbit IgG-HRP. Signals were acquired with a CCD camera. Arrow points to SOX2. Data courtesy of a SDI customer.



Dot Blot: SOX2 Antibody [29930002] - The anti-Sox2 antibody (right quadruplicate spots at each panel) or anti-c-Jun antibody (left quadruplicate spots at each panel) were printed on membranes at 10 ng/spot. The membranes were incubated with biotinylated cell lysate (50 ug per membrane), followed by probing with streptavidin-HRP and CCD camera image acquisition. (a), Cell lysate from undifferentiated mouse embryonic stem cells; (b), Cell lysate from differentiated mouse embryonic stem cells. Data courtesy of a SDI customer.

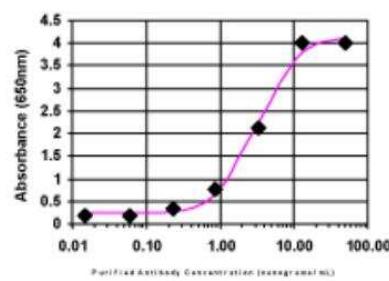


Dot Blot: SOX2 Antibody [29930002] - Protein samples (upper left quadruplicate spots: bovine gamma globulin; upper right quadruplicate spots: cell lysate from 293 cell over expressing Nanog; below left quadruplicate spots: cell lysate from 293 cell over expressing Sox2; below right quadruplicate spots: cell lysate from 293 cell over expressing POU5F1) were printed on membranes at 10 ng/spot. The membrane was incubated with anti-Sox2 antibody (1:1000 dilution) and then probed anti-rabbit IgG-HRP. Signals were acquired with a CCD camera. Data courtesy of a SDI customer.



ELISA: SOX2 Antibody [29930002]

ELISA:



The affinity purified antibody was serially diluted onto an ELISA plate coated with a recombinant protein fragment.

Publications

Garrison C, Lastwika K, Zhang Y et al. Proteomic Analysis, Immune Dysregulation, and Pathway Interconnections With Obesity J Proteome Res. 2017-01-06 [PMID: 27769113] (MiAr)

Details:

Analysis is performed on plasma proteomic data to identify how obesity can alter pathways and to highlight the risk factor for disease in subjects with a high body mass index.

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays J Proteome Res. 2013-05-03 [PMID: 23541305] (MiAr)

Details:

A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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