

Product Datasheet

SOX11 Antibody - BSA Free

NBP1-85823

Unit Size: 0.1 ml

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

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Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See 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	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

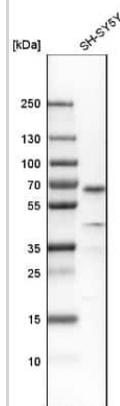
Product Description	
Host	Rabbit
Gene ID	6664
Gene Symbol	SOX11
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (82%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FMVWSKIERRKIMEQSPDMHNAEISKRLGKRWKMLKDSEKIPFIREAERLRLKH MADYPDYKYRPRKKPKMDPSAKPSASQSPEKSAAGGGGGSAGGGAGGAKTS KGSSKK

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Chromatin Immunoprecipitation (ChIP) Reported in scientific literature (PMID: 24681958)
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.



Images

Western Blot: SOX11 Antibody [NBP1-85823] - Analysis in human cell line SH-SY5Y.



Immunohistochemistry-Paraffin: SOX11 Antibody [NBP1-85823] - Staining of human chronic lymphocytic leukemia shows no nuclear positivity in tumor cells as expected.



Immunohistochemistry-Paraffin: SOX11 Antibody [NBP1-85823] - Staining of human mantle cell lymphoma shows moderate to strong nuclear positivity in tumor cells.



Publications

Wang K, Chen X, Liu Y, Meng X et al. SOX11 as a prognostic biomarker linked to m6A modification and immune infiltration in renal clear cell carcinoma *Transl Cancer Res* 2024-08-15 [PMID: 39145091]

Righi S, Pileri S, Agostinelli C et al. Reproducibility of SOX-11 detection in decalcified bone marrow tissue in mantle cell lymphoma patients. *Hum. Pathol.* 2016-10-05 [PMID: 27720733] (IF/IHC)

Inmaculada Ribera-Cortada, Daniel Martinez, Virginia Amador et al. Plasma cell and terminal B-cell differentiation in mantle cell lymphoma mainly occur in the SOX11-negative subtype. *Modern Pathology* 2015-09-11 [PMID: 26360498] (IF/IHC, Human)

Davidson B, Holth A, Hellesylt E et al. The clinical role of epithelial-mesenchymal transition and stem cell markers in advanced-stage ovarian serous carcinoma effusions. *Hum Pathol* 2015-01-01 [PMID: 25455994] (IF/IHC, Human)

Kuo PY, Leshchenko VV, Fazzari MJ et al. High resolution Chromatin Immunoprecipitation (Chromatin Immunoprecipitation) sequencing reveals novel bindings targets and prognostic role for SOX11 in Mantle cell lymphoma. *Oncogene* 2015-03-05 [PMID: 24681958] (IF/IHC, WB, Chemotaxis, Human)

Nygren L, Baumgartner Wennerholm S, Klimkowska M et al. Prognostic role of SOX11 in a population-based cohort of mantle cell lymphoma. *Blood* 2012-05-01 [PMID: 22431568]

Carvajal-Cuenca A, Sua LF, Silva NM et al. In situ mantle cell lymphoma: clinical implications of an incidental finding with indolent clinical behavior. *Haematologica* 2012-02-01 [PMID: 22058203]

Sernbo S, Gustavsson E, Brennan DJ et al. The tumour suppressor SOX11 is associated with improved survival among high grade epithelial ovarian cancers and is regulated by reversible promoter methylation. *BMC Cancer* 2011-09-01 [PMID: 21943380]

Kimura Y, Sato K, Imamura Y et al. Small cell variant of mantle cell lymphoma is an indolent lymphoma characterized by bone marrow involvement, splenomegaly, and a low Ki-67 index. *Cancer Sci* 2011-09-01 [PMID: 21609366]

Ondrejka SL, Lai R, Smith SD et al. Indolent mantle cell leukemia: a clinicopathological variant characterized by isolated lymphocytosis, interstitial bone marrow involvement, kappa light chain restriction, and good prognosis. *Haematologica* 2011-08-01 [PMID: 21508124]

Cao X, Fan L, Fang C et al. The expression of SOX11, cyclin D1, cyclin D2, and cyclin D3 in B-cell lymphocytic proliferative diseases. *Med Oncol* 2012-06-01 [PMID: 21479697]

Wang X, Bjorklund S, Wasik AM et al. Gene expression profiling and chromatin immunoprecipitation identify DBN1, SETMAR and HIG2 as direct targets of SOX11 in mantle cell lymphoma. *PLoS One* 2010-11-01 [PMID: 21124928]

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Products Related to NBP1-85823

NBP1-85823PEP	SOX11 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

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