Product Datasheet

SOX2 Antibody (N-term) (orb1931757)

Catalog Number	orb1931757
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	SOX2
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Mouse, Other, Sheep, Zebrafish
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Immunogen	This SOX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-119 amino acids from the N-terminal region of human SOX2. Antigen Region: 89-119 aa.
UniProt ID	P48431
MW	34310 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:1000, IHC-P - 1:10-50, FC - 1:10-50

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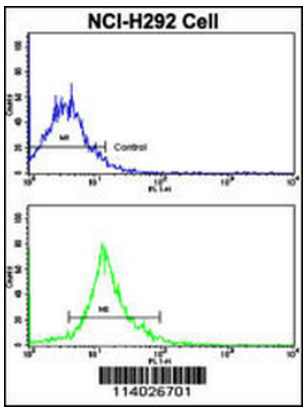
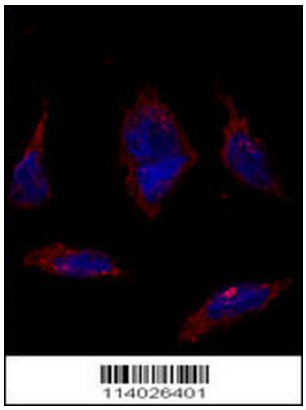
Clone Number	BTD36248
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_003097.1
Expiration Date	12 months from date of receipt.



Flow cytometric analysis of NCI-H292 cells using SOX2 Antibody (N-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence analysis of SOX2 Antibody (N-term) in HeLa cells. 0.025 mg/ml primary antibody was followed by Alexa-Fluor-546-conjugated donkey anti-rabbit IgG (H+L). Alexa-Fluor-546 emits orange fluorescence. Blue counterstaining is DAPI.

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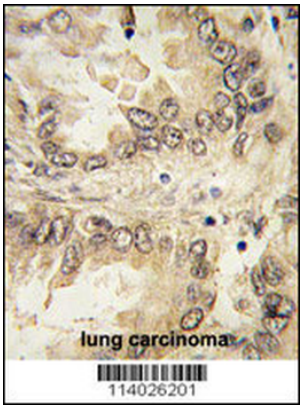
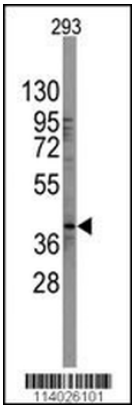
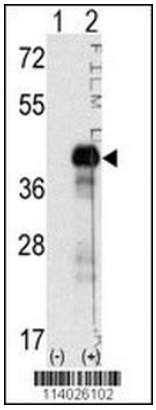


Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with SOX2 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western blot analysis of SOX2 Antibody (N-term) in 293 cell line lysates (35 ug/lane). SOX2 (arrow) was detected using the purified Pab.



Western blot analysis of SOX2 (arrow) using rabbit polyclonal SOX2 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SOX2 gene (Lane 2).

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