

Sox-9(Phospho Ser181) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01621
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human SOX-9 around the phosphorylation site of Ser181. AA range:147-196
Mol wt	56137
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Transcription factor SOX-9
Synonyms	Transcription factor SOX-9; SOX9; Transcription factor SOX-9

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and with steroidogenic factor 1 regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia frequently with sex reversal.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

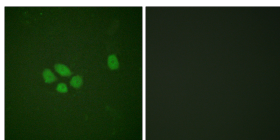
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

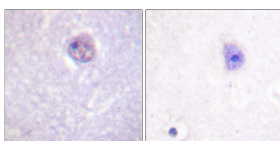
ELISA: 1: 5000

Not yet tested in other applications.

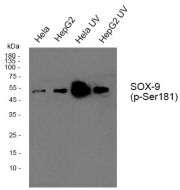
Images



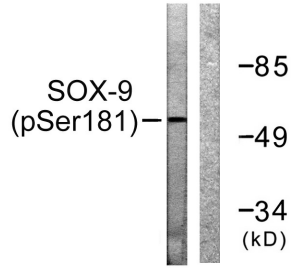
Immunofluorescence analysis of A549 cells, using SOX-9 (Phospho-Ser181) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using SOX-9 (Phospho-Ser181) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of Sox-9 (phospho Ser181) Polyclonal Antibody, using HeLa, HepG2 cell treated or untreated with UV, 4°C overnight, secondary antibody was diluted at 1:10000, 37°C 1hour.



Western blot analysis of lysates from 293 cells treated with PBS 60', using SOX-9 (Phospho-Ser181) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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