

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.

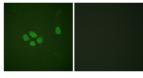
Recommended Dilution

WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ICC: 1: 200 - 1: 1000

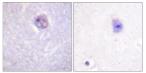
ELISA: 1: 5000

Not yet tested in other applications.

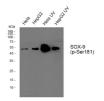
Images



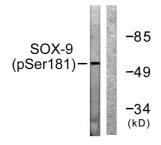
Immunofluorescence analysis of A549 cells, using SOX-9 (Phospho-Ser181) Antibody. The picture on the right is blocked with the phospho peptide.



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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