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| Cat. No: | AB-80691 |
| Conjugate: | Unconjugated |
| Size: | 100 ug |
| Clone: | POLY |
| Concentration: | 1mg/ml |
| Host: | Rb |
| Isotype: | IgG |
| Immunogen: | A synthetic peptide of human SOX9 |
| Reactivity: | Hu,Ms,Rt |
| Applications: | Western Blot: 1:1000 |
| Molecular Weight: | 60-66kDa |
| Purification: | Aff. Pur. |

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.

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| Form: | Liquid |
| Buffer: | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |



Western blot analysis of extracts of various cell lines, using SOX9 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL West Pico Plus.
Exposure time: 40s.



Western blot analysis of extracts of HepG2 cells, using SOX9 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL West Pico Plus.
Exposure time: 120s.

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