

Anti-SOX7 Antibody Picoband®

Catalog Number: PA2285

About SOX7

SOX7 belongs to SOX gene family and SOX proteins are transcription factors with critical roles in the regulation of diverse developmental processes. This gene is mapped to 8p23.1. SOX7 gene contains at least 2 exons. In cotransfected 293 cells, Sox7 reduced Wnt (see WNT1)/beta-catenin (see CTNNB1)-stimulated transcription. SOX7 is a potent activator of FGF3 transcription. It not only plays a role in the transcriptional regulation of genes expressed in the hemogenic endothelium but also blocks further differentiation into blood precursors. And it may be required for the survival of both hematopoietic and endothelial precursors during specification.

Overview

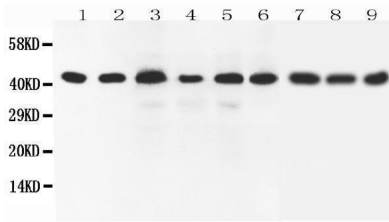
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| Product Name | Anti-SOX7 Antibody Picoband® |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-SOX7 Antibody catalog # PA2285. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Application | WB |
| Clonality | Polyclonal |
| Formulation | Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | Q9BT81 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human SOX7, identical to the related mouse and rat sequences. |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot. |
| Cross Reactivity | No cross-reactivity with other proteins |

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| Isotype | Rabbit IgG |
| Form | Lyophilized |
| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat |

Anti-SOX7 Antibody Picoband® (PA2285) Images



Anti-SOX7 antibody, PA2285, All Western blotting
All lanes: Anti-SOX7(PA2285) at 0.5ug/ml
Lane 1: Rat Brain Tissue Lysate at 40ug
Lane 2: Human Placenta Tissue Lysate at 40ug
Lane 3: Rat Lung Tissue Lysate at 40ug
Lane 4: Rat Testis Tissue Lysate at 40ug
Lane 5: HELA Whole Cell Lysate at 40ug
Lane 6: A549 Whole Cell Lysate at 40ug
Lane 7: HEPG2 Whole Cell Lysate at 40ug
Lane 8: SMMC Whole Cell Lysate at 40ug
Lane 9: NEURO Whole Cell Lysate at 40ug
Predicted bind size: 42KD Observed bind size: 42KD

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Anti-SOX7 Antibody

For Research Use Only. Not for use in diagnostic procedures.