BOSTER BIOLOGICAL TECHNOLOGY
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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.

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Overview

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 Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *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
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

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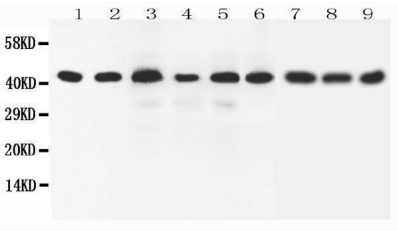
Anti-SOX7 Antibody Picoband® (PA2285) Images



Anti-SOX7 antibody, PA2285, All Western blottingAll 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

Anti-SOX7 Antibody

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