BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Homeobox protein Hox-A6 HOXA6 Antibody Picoband®

Catalog Number: PA1605

About HOXA6

HOXA6 (HOMEOBOX A6), also known as HOX1B, MOUSE or HOMOLOG OF,is a protein that in humans is encoded by the HOXA6 gene, which is also part of the A cluster on chromosome 7. HOXA6 encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Its cytogenetic location is 7q15.2. In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development.

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Overview

Product Name	Anti-Homeobox protein Hox-A6 HOXA6 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Homeobox protein Hox-A6 HOXA6 Antibody catalog # PA1605. 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	P31267

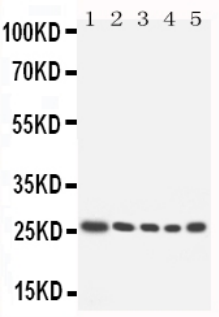
Technical Details

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Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human HOXA6, identical to the related rat and mouse 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, Rat, Mouse

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Anti-Homeobox protein Hox-A6 HOXA6 Antibody Picoband® (PA1605) Images



Anti-HOXA6 antibody, PA1605, Western blottingLane 1: SW620 cell LysateLane 2: SW620 cell LysateLane 3: HELA cell LysateLane 4: HT1080 cell LysateLane 5: HT1080 cell Lysate

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