BOSTER BIOLOGICAL TECHNOLOGY
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Anti-High mobility group protein B4 HMGB4 Antibody Picoband®

Catalog Number: PA1042

About HMGB4

HMGB4 is HMG2 like, isoform 2, high-mobility group box 4. This gene can be found on Chromosome 1. HMGB4 contains two HMG-box regions, which is found in a variety of eukaryotic chromosomal proteins and transcription. HMGB proteins are phosphorylated to various extents reveals that the existence of differentially modified forms increases the number of distinct HMGB protein variants in plant chromatin that may be adapted to certain functions.

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Overview

Product Name	Anti-High mobility group protein B4 HMGB4 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-High mobility group protein B4 HMGB4 Antibody catalog # PA1042. 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	Q8WW32

Technical Details

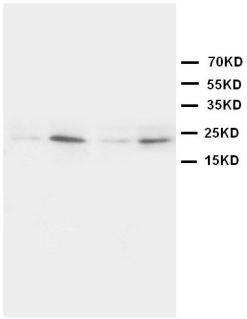
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antibody and ELISA experts

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Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HMGB4, different from the related mouse and rat sequences by one amino acid.
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-High mobility group protein B4 HMGB4 Antibody Picoband® (PA1042) Images



Anti-HMGB4 antibody, PA1042, Western blottingLane 1: Rat Brain Tissue LysateLane 2: Rat Testis Tissue LysateLane 3: JURKAT Cell LysateLane 4: HT1080 Cell Lysate

2 Publications Citing This Product

1. PubMed ID: 27608812, HMGB4 is expressed by neuronal cells and affects the expression of genes involved in neural differentiation

2. PubMed ID: 29285170, HMGB1, TGF-? and NF-?B are associated with chronic allograft nephropathy

Visit bosterbio.com/anti-hmgb4-antibody-pa1042-boster.html to see all 2 publications.

Anti-High mobility group protein B4 HMGB4 Antibody

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