

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.

Overview

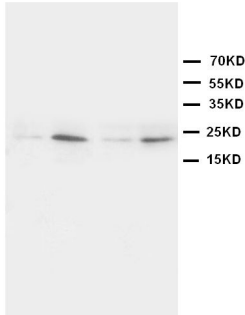
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| Product Name | Anti-High mobility group protein B4 HMGB4 Antibody Picoband® |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-High mobility group protein B4 HMGB4 Antibody catalog # PA1042. Tested in WB applications. This 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 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . |
| 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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| 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. |

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| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 0.1-0.5ug/ml, Human, Rat, Mouse |

Anti-High mobility group protein B4 HMGB4 Antibody Picoband® (PA1042) Images



Anti-HMGB4 antibody, PA1042, Western blotting
Lane 1: Rat Brain Tissue Lysate
Lane 2: Rat Testis Tissue Lysate
Lane 3: JURKAT Cell Lysate
Lane 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- β and NF- κ B are associated with chronic allograft nephropathy

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

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