

## Rabbit polyclonal antibody to human High mobility group protein B4: Affinity purified

<b>Catalogue No.:</b>	R-1062-100
<b>Description:</b>	The High Mobility Group (HMG)-box conserved domain is found in proteins that promote chromatin function and gene regulation, assist with transcription, replication, recombination and DNA repair. High mobility group protein B4 (HMGB4) contains two HMG-box DNA-binding domains.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide RNKFKEQQPNTYVGFKEF which differs by a single residue to a region (24-41) from human High mobility group protein B4 (HMGB4). To enhance the immunological response, this peptide was coupled to carrier protein BSA.
<b>Other Names:</b>	HMGB4;
<b>Accession:</b>	Q8WW32 HMGB4_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human HMGB4 has a predicted length of 186 residues and MW of 22 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Human; mouse; rat;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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