Rabbit polyclonal antibody to human Lamin B1 (570-586): Affinity purified

Catalogue No.:	R-1088-100
Description:	Lamins belong to the intermediate filament family of proteins. They are structural components of the nuclear lamina and are thought to be involved in nuclear stability, chromatin structure and gene expression. There are two main types of lamins; A and B. The A type lamins include A, C and Adel10. The B-type lamins, B1 and B2, arise from two distinct genes.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (FHQQGTPRASNRSCAIM) corresponding to amino acids 570-586 from human Lamin B1. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	LMNB1; LMN2; LMNB;
Accession:	P20700 LMNB1_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human Lamin B1 (precursor) has a predicted length of 586 residues and MW of 66 kDa. A concentration of 1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. A concentration of 1.0 ug/mL is also recommended for formalin/acetone fixed tissues. Antigen retrieval by Pepsin and Trypsin is required in acetone fixed cells. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; mouse; rat;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase

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