Rabbit polyclonal antibody to human Lamin A + C (451-468): Affinity purified

Catalogue No.:	R-1069-100
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. Alternative splicing of the Type A lamin gene produces at least 2 isoforms; Lamin A and Lamin C.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (FVRLRNKSNEDQSMGNWQ) corresponding to amino acids 451-468 from human Lamin A and Lamin C. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	70 kDa lamin; Renal carcinoma antigen NY-REN-32; LMNA; LMN1;
Accession:	P02545 LMNA_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 2.0 ug/mL is recommended for WB. Human Lamin A has a predicted length of 664 residues and MW of 74 kDa. Human Lamin C has a predicted length of 572 residues and MW of 65 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Antigen retrieval is required. 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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