



Anti-Lamin β (C-terminal) polyclonal antibody (DPAB3503)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to lamin β .
Specificity	Human, mouse, rat. No cross reactivity with other proteins.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminal of human Lamin B, different from the related rat and mouse sequence by three amino acids.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC
Reconstitution	0.2ml of distilled water will yield a concentration of 500 μ g/ml.
Size	100 μ g
Preservative	None
Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

BACKGROUND

Introduction	Lamins are the major components of the nuclear lamina which underlies the nuclear envelope of eukaryotic cells. lamin B is a structural component of the long-sought-after spindle matrix that
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promotes microtubule assembly and organization in mitosis. Inspection of the deduced amino acid sequence of lamin B revealed the presence in coil 1B of the alpha-helical domain of a leucine heptad repeat region. Lamin B assembled into a matrix-like network in mitosis through a process that depended on the presence of the guanosine triphosphate-bound form of the small guanosine triphosphatase Ran.

Keywords

LMNA; lamin A/C; CDCD1; CDDC; CMD1A; CMT2B1; EMD2; FPL; FPLD; FPLD2; HGPS; IDC; LDP1; LFP; LGMD1B; LMN1; LMNC; LMNL1; LBR; lamin B receptor; PLCB1; phospholipase C, beta 1 (phosphoinositide-specific); TMPO; thymopoietin; EIF6; eukaryotic translation initi

GENE INFORMATION

Entrez Gene ID [4001](#)

UniProt ID [B4DZT3](#)
