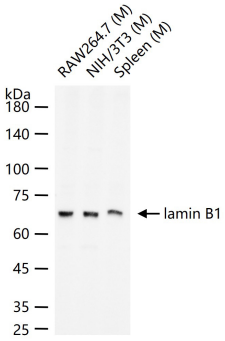
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

lamin B1 Rabbit pAb

Catalog Number:	bs-1840R
Target Protein:	lamin B1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Mouse
Predicted MW:	64 kDa
Subcellular Locations:	Nucleus
Entrez Gene:	4001
Swiss Prot:	P20700
Source:	KLH conjugated synthetic peptide derived from human Lamin B: 361-460/586.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. This gene encodes one of the two B type proteins, B1. Alternative splicing results in transcript variants and a duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD). [provided by RefSeq, Oct 2010].

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with lamin B1 polyclonal antibody, unconjugated (bs-1840R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

PRODUCT SPECIFIC PUBLICATIONS

[IF=14.224] Biqi Han. et al. Effects of thiacloprid exposure on microbiota–gut–liver axis: Multiomics mechanistic analysis in Japanese quails. J HAZARD MATER. 2023 Jan;442:130082 WB ; Quail . 36209609

[IF=10.679] Pan J et al. lncRNA JPX/miR-33a-5p/Twist1 axis regulates tumorigenesis and metastasis of lung cancer by activating Wnt/β-catenin signaling. Mol Cancer. 2020 Jan 15;19(1):9. WB ; Human . 31941509

[IF=9.988] Jia-Xin Wang. et al. Heme-oxygenase-1 as a target for phthalate-induced cardiomyocytes ferroptosis. ENVIRON POLLUT. 2023 Jan;317:120717 WB ; Mouse . 36423886

[IF=9.078] Chun Dai. et al. A novel UV-curable extravascular stent to prevent restenosis of venous grafts. Compos Part B-Eng. 2021 Nov;225:109260 WB ; Rat . 10.1016/j.compositesb.2021.109260

[IF=6.2] Gi Ho Lee. et al.Polyhexamethylene guanidine phosphate induces epithelial-to-mesenchymal transition and cancer stem cell-like properties via Wnt/β-catenin signaling in human bronchial epithelial cells.ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY.2025 Feb 21:292:117930. ; Human . 10.1016/j.ecoenv.2025.117930