bs-1839R

[Primary Antibody]

Lamin A/C Rabbit pAb

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		400-901-9800
Host: Rabbit	lsotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human
GenelD: 4000	SWISS: P02545	
Target: Lamin A/C		
Immunogen: KLH conjugated synthetic peptide derived from human lamin A: 1-100/664.		A: Predicted MW.: ^{73 kDa}
Purification: affinity purified by I	Protein A	Subcellular
Concentration: 1mg/ml		Location: Nucleus
Storage: 0.01M TBS (pH7.4) v Glycerol. Shipped at 4°C. Sto freeze/thaw cycles.	vith 1% BSA, 0.02% Proclin300 and 50% re at -20°C for one year. Avoid repeated	
Background: The nuclear lamina proteins located ne family of proteins n evolution. During m disassembled as th proteins are though structure and gene types, A and B. Alte variants. Mutations Dreifuss muscular dys Marie-Tooth diseas [provided by RefSed	consists of a two-dimensional matrix of xt to the inner nuclear membrane. The lam nake up the matrix and are highly conserve itosis, the lamina matrix is reversibly e lamin proteins are phosphorylated. Lami to be involved in nuclear stability, chrom expression. Vertebrate lamins consist of tv rnative splicing results in multiple transcrij in this gene lead to several diseases: Emer lystrophy, familial partial lipodystrophy, lin trophy, dilated cardiomyopathy, Charcot- e, and Hutchinson-Gilford progeria syndro q, Apr 2012]	nin ed in natin vo pt Y- mb me.

– VALIDATION IMAGES -



25 ug total protein per lane of various lysates (see on figure) probed with Lamin A/C polyclonal antibody, unconjugated (bs-1839R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

- SELECTED CITATIONS -

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- [IF=7.032] Mengmeng Liang. et al. Osteoclast-derived small extracellular vesicles induce osteogenic differentiation via inhibiting ARHGAP1. Mol Ther-Nucl Acids. 2021 Mar;23:1191 WB ;Mouse. 33664997
- [IF=5.587] Qi et al. Targeting the Wnt-Regulatory Protein CTNNBIP1 by microRNA-214 Enhances the Stemness and Self-Renewal of Cancer Stem-Like Cells in Lung Adenocarcinomas. (2015) Stem.Cells. 33(12):3423-36 WB ;Human. 26299367
- [IF=4.85] Yutong Wu. et al. Osteoclast-derived extracellular miR-106a-5p promotes osteogenic differentiation and

facilitates bone defect healing. CELL SIGNAL. 2022 Dec;:110549 WB ;MOUSE. 36464103

• [IF=2.9] Yimei Zhou. et al. The role of RAP2 in regulation of cell volume on bone marrow mesenchymal stem cell fate determination. JOURNAL OF MOLECULAR HISTOLOGY. 2025 Feb 4;56(2):79. IF ;MOUSE. 39903386