

Rabbit LMNB1 Polyclonal Antibody | anti-LMNB1 antibody

LMNB1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199672	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

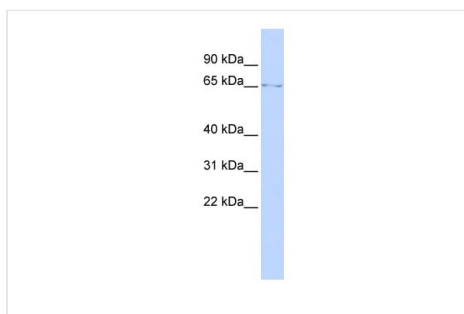
PRODUCT SYNONYMS

LMNB1; Polyclonal Antibody; LMNB1 antibody - middle region; anti-LMNB1 antibody

PRODUCT SPECIFICATIONS

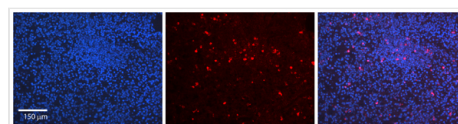
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EE VAQRSTVFKT TPEEEEEEE EAAGVVVEEE LFHQGGTPRA SNRSCAIM
Sequence Length	586
Applicable Applications for anti-LMNB1 antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 100%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 91%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LMNB1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-LMNB1 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: SK-MEL-2 cell lysate
 LMNB1 is supported by BioGPS gene expression data to be expressed in SKMEL2



IHC (Immunohistochemistry)

Rabbit Anti-LMNB1 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Lymph Node
 Tissue
 Observed Staining: Nucleus
 Primary Antibody Concentration: 1:600
 Other Working Concentrations: N/A
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-LMNB1 antibody	This is a rabbit polyclonal antibody against LMNB1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: LAMNB1 encodes for one of the two B type proteins of the nuclear lamina, B1. The Vertebrate lamins consist of two types, A and B. 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-LMNB1 antibody	Polyclonal; Chromatin & Nuclear Signaling; Epigenetics; Membrane & Traffic; Meiosis/Mitosis/Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031877
NCBI GeneID	4001
NCBI Accession #	NP_005564
NCBI GenBank Nucleotide #	NM_005573
UniProt Accession #	P20700
Molecular Weight	66kDa
NCBI Official Full Name	lamin-B1 isoform 1
NCBI Official Synonym Full Names	lamin B1
NCBI Official Symbol	LMNB1
NCBI Official Synonym Symbols	LMN; ADLD; LMN2; LMNB
NCBI Protein Information	lamin-B1
UniProt Protein Name	Lamin-B1
UniProt Gene Name	LMNB1
UniProt Synonym Gene Names	LMN2; LMNB
UniProt Entry Name	LMNB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.