

Rabbit LMNB2 Polyclonal Antibody | anti-LMNB2 antibody

LMNB2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199695	Rabbit	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

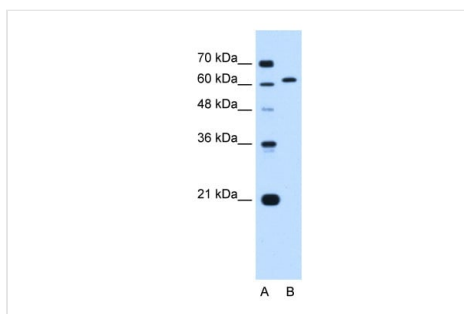
PRODUCT SYNONYMS

LMNB2; Polyclonal Antibody; LMNB2 antibody - N-terminal region; anti-LMNB2 antibody

PRODUCT SPECIFICATIONS

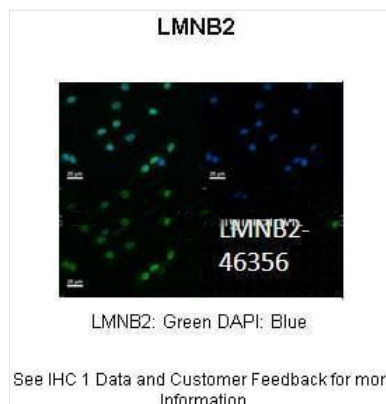
Host	Rabbit
Reactivity	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MA TPLPGRAGGP ATPLSPTRLRLQKEELRE LNDRLAHYID RVRALELE
Sequence Length	600
Applicable Applications for anti-LMNB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 85%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LMNB2
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-LMNB2 Antibody Titration: 0.2-1 ug/ml
Positive Control: Jurkat cell lysate
LMNB2 is supported by BioGPS gene expression data to be expressed in Jurkat



IHC (Immunohistochemistry)

Researcher: Dr. David Razafsky, Washington University in Saint Louis
Application: IHC
Species + Tissue/Cell type: Mouse C2C12 cells
Primary antibody dilution: 1:500
Secondary antibody: Goat anti-rabbit-Alexa Fluor 488
Secondary antibody dilution: 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-LMNB2 antibody	This is a rabbit polyclonal antibody against LMNB2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. LMNB2 is one of the two B type proteins, B2.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, B2. This gene is in a head-to-tail orientation with the gene for the translocase of inner mitochondrial membrane 13 homolog gene.
Product Categories/Family for anti-LMNB2 antibody	Polyclonal; Chromatin & Nuclear Signaling; Epigenetics; Membrane & Traffic; Meiosis/Mitosis/Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	388240801
NCBI GeneID	84823
NCBI Accession #	NP_116126
NCBI GenBank Nucleotide #	NM_032737
UniProt Accession #	Q03252
Molecular Weight	68kDa
NCBI Official Full Name	lamin-B2
NCBI Official Synonym Full Names	lamin B2
NCBI Official Symbol	LMNB2
NCBI Official Synonym Symbols	EPM9; LMN2; LAMB2
NCBI Protein Information	lamin-B2
UniProt Protein Name	Lamin-B2
UniProt Gene Name	LMNB2
UniProt Synonym Gene Names	LMN2
UniProt Entry Name	LMNB2_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lmnb2-antibody-immunohistochemistry-western-blot-elisa/199695>