

Rabbit anti-Human, Rat Lamin B1 Polyclonal Antibody | anti-LMNB1 antibody

Anti-Lamin B1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45087	Rabbit	Human, Rat	Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

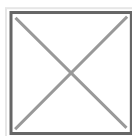
PRODUCT SYNONYMS

Lamin B1; Polyclonal Antibody; Anti-Lamin B1 antibody; Lamin-B1; lamin B1; ADLD antibody; lamin B1 antibody; Lamin-B1 antibody; LMN antibody; LMN2 antibody; LMNB antibody; Lmnbl antibody; LMNB1_HUMAN antibody; MGC111419 antibody; OTTHUMP00000159218 antibody; anti-LMNB1 antibody

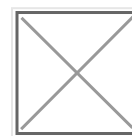
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	586
Applicable Applications for anti-LMNB1 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Lamin B1 (570-586aa FHQQGTPRASNRSCAIM), different from the related rat sequence by one amino acid, and from the related mouse sequence by three amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

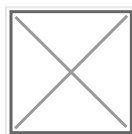
IMAGES


ICC (Immunocytochemistry)

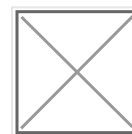
Anti-Lamin B1 antibody, AAA45087, ICCIC: A549 Cell


IHC (Immunohistochemistry)

Anti-Lamin B1 antibody, AAA45087, IHC(F)IHC(F): Rat Intestine Tissue


IHC (Immunohistochemistry)

Anti-Lamin B1 antibody, AAA45087, IHC(P)IHC(P): Human Mammary Cancer Tissue


WB (Western Blot)

Anti-Lamin B1 antibody, AAA45087, Western blottingLane 1: MCF-7 Cell LysateLane 2: HELA Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-LMNB1 antibody	<p>Description: Rabbit IgG polyclonal antibody for Lamin-B1(LMNB1) detection. Tested with WB, IHC-P, IHC-F, ICC in Human, Rat.</p> <p>Background: Lamin-B1 is a protein that in humans is encoded by the LMNB1 gene. 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 though 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.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125953
NCBI GeneID	4001
UniProt Accession #	P20700; Q3SYN7; Q96EI6; B2R6J6
Molecular Weight	66,408 Da
NCBI Official Full Name	Lamin-B1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lamin-b1-antibody-immunocytochemistry-immunohistochemistry-immunohistochemistry-western-blot-elisa/45087>