

Rabbit Lamin B1 Polyclonal Antibody | anti-LMNB1 antibody

Lamin B1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281681	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Western Blot

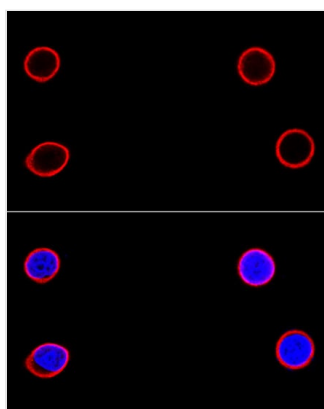
PRODUCT SYNONYMS

Lamin B1; Polyclonal Antibody; Lamin B1 Rabbit pAb; ADLD; LMN; LMN2; LMNB; LMNB1; lamin-B1; anti-LMNB1 antibody

PRODUCT SPECIFICATIONS

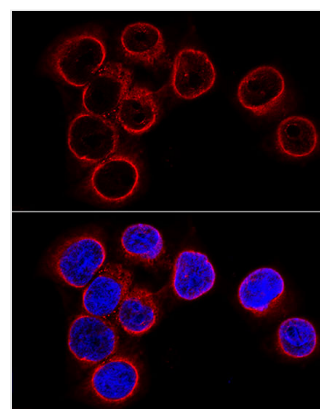
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-LMNB1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human Lamin B1
Cellular Location	Lipid-anchor, Nucleoplasmic side, Nucleus inner membrane
Positive Samples	Jurkat, MCF7, mouse brain, mouse spleen
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



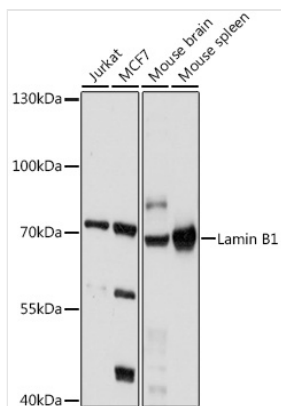
IF (Immunofluorescence)

Confocal immunofluorescence analysis of MCF-7 cells using Lamin B1 antibody at dilution of 1:100 (60x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Confocal immunofluorescence analysis of HeLa cells using Lamin B1 antibody at dilution of 1:100 (60x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Lamin B1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-LMNB1 antibody	Background: This gene encodes one of the two B-type lamin proteins and is a component of the nuclear lamina. A duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD). Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-LMNB1 antibody	Cell Biology & Developmental Biology ; Cytoskeleton ; Intermediate Filaments

NCBI AND UNIPROT INFORMATION

NCBI GI #	125953
NCBI GeneID	4001
UniProt Accession #	P20700 ; Q3SYN7 ; Q96EI6 ; B2R6J6
Molecular Weight	586
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-immunoprecipitation-immunofluorescence-western-blot-elisa/281681>