

Rabbit Lamin A/C Polyclonal Antibody | anti-LMNA antibody

Anti-Lamin A/C Antibody

CATALOG # AAA104468	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Chicken, Pig	APPLICATIONS Immunohistochemistry, Western Blot
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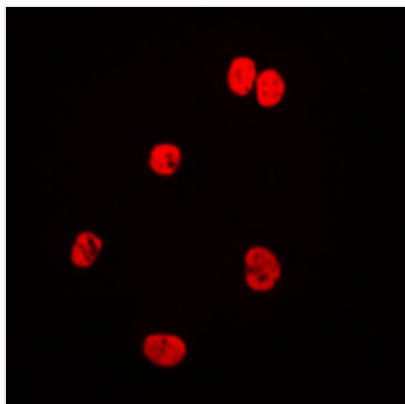
PRODUCT SYNONYMS

Lamin A/C; Polyclonal Antibody; Anti-Lamin A/C Antibody; LMN1; Prelamin-A/C; anti-LMNA antibody

PRODUCT SPECIFICATIONS

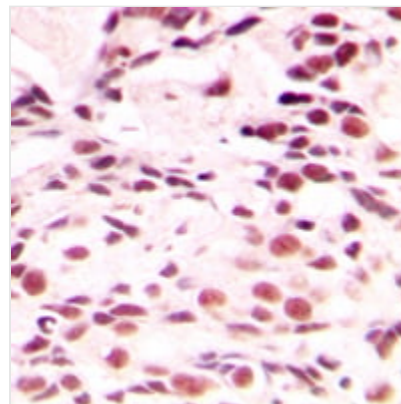
Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Lamin A/C protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	574
Applicable Applications for anti-LMNA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Lamin A/C. The exact sequence is proprietary.
Preparation and Storage	Aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



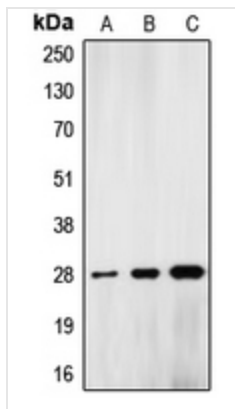
IF (Immunofluorescence)

Immunofluorescent analysis of Lamin A/C staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Lamin A/C staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Lamin A/C expression in HeLa colchicine-treated (A), mouse liver (B), rat kidney (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-LMNA antibody

Rabbit polyclonal antibody to Lamin A/C

NCBI AND UNIPROT INFORMATION

NCBI GI #	383792150
NCBI GeneID	4000
NCBI Accession #	NP_001244303.1
NCBI GenBank Nucleotide #	NM_001257374.2
UniProt Accession #	P02545; P02546; Q5I6Y4; Q5I6Y6; Q5TCJ2; Q5TCJ3; Q6UYC3; Q969I8; B4DI32; D3DVB0; D6RAQ3; E7EUI9
NCBI Official Full Name	lamin isoform D
NCBI Official Synonym Full Names	lamin A/C
NCBI Official Symbol	LMNA
NCBI Official Synonym Symbols	FPL; IDC; LFP; CDDC; EMD2; FPLD; HGPS; LDP1; LMN1; LMNC; PRO1; CDCD1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B
NCBI Protein Information	lamin; 70 kDa lamin; prelamin-A/C; lamin A/C-like 1; renal carcinoma antigen NY-REN-32
UniProt Protein Name	Prelamin-A/C
UniProt Gene Name	LMNA
UniProt Synonym Gene Names	LMN1
UniProt Entry Name	LMNA_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-a-c-antibody-immunohistochemistry-western-blot-elisa/104468>