

Rabbit anti-Human, Mouse Lamin-A Polyclonal Antibody | anti-LMNA antibody

Rabbit anti-Lamin-A Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212164	Rabbit	Human, Mouse	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Lamin-A; Polyclonal Antibody; Rabbit anti-Lamin-A Antibody; Affinity Purified; prelamin-A/C; LDP1; LGMD1B; LMN1; LMNC; LMNL1; lamin; mandibuloacral dysplasia type A; lamin A/C-like 1; PRO1; renal carcinoma antigen NY-REN-32; MADA; CDCD1; LFP; 70 kDa lamin; IDC; CDDC; CMD1A; CMT2B1; epididymis secretory sperm binding protein; FPL; FPLD; FPLD2; HGPS; EMD2; Prelamin-A/C; lamin A/C; anti-LMNA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-LMNA antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Rat, Pig
Immunogen	Between 425 and 475
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Lamin-A by western blot. Samples: Whole cell lysate (15 and 50 ug) from HeLa cells. Antibody: Affinity purified rabbit anti-Lamin-A antibody AAA212164 (lot AAA212164-1) used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human Lamin-A by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Lamin-A antibody AAA212164 (lot AAA212164-1) used for IP at 6 ug/mg lysate. Lamin-A was successfully immunoprecipitated by rabbit anti-Lamin-A/C antibody which recognizes an upstream epitope, and by rabbit anti-Lamin-A antibody which recognizes a downstream epitope. For blotting immunoprecipitated Lamin-A, AAA212164 was used at 0.4 ug/ml. Detection: Chemiluminescence with exposure time of 1 second.



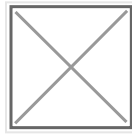
IHC (Immunohistochemistry)

Detection of mouse Lamin-A by immunohistochemistry. Sample: FFPE section of mouse plasmacytoma. Antibody: Affinity purified rabbit anti-Lamin-A (Cat. No. AAA212164 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human Lamin-A by immunohistochemistry. Sample: FFPE section of human testicular seminoma. Antibody: Affinity purified rabbit anti-Lamin-A (Cat. No. AAA212164 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB



ICC (Immunocytochemistry)

Detection of human Lamin-A by immunocytochemistry. Samples: Formaldehyde-fixed asynchronous HeLa cells. Antibody: Affinity purified rabbit anti-Lamin-A (Cat. No. AAA212164 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight 594 Conjugated used at a dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-LMNA antibody	Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin. Lamin A and C are present in equal amounts in the lamina of mammals. Lamin A/C plays an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P02545].
Product Categories/Family for anti-LMNA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031875
NCBI GeneID	4000
NCBI Accession #	NP_005563.1
NCBI GenBank Nucleotide #	NM_005572.3
UniProt Accession #	P02545 ; P02546 ; Q5I6Y4 ; Q5I6Y6 ; Q5TCJ2 ; Q5TCJ3 ; Q6UYC3 ; Q969I8 ; B4DI32 ; D3DVB0 ; D6RAQ3 ; E7EUI9
Molecular Weight	69,249 Da
NCBI Official Full Name	lamin isoform C
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-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/212164>