

## Rabbit Lamin A Polyclonal Antibody | anti-LMNA antibody

Lamin A (Phospho-Ser22) Antibody

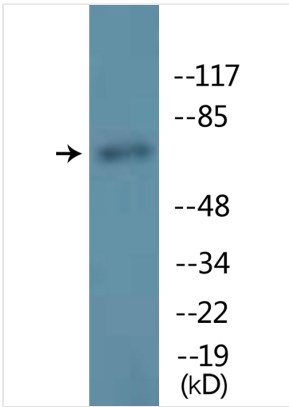
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS        |
|-----------|--------|-------------------|---------------------|
| AAA318342 | Rabbit | Human, Mouse, Rat | ELISA, Western Blot |

### PRODUCT SYNONYMS

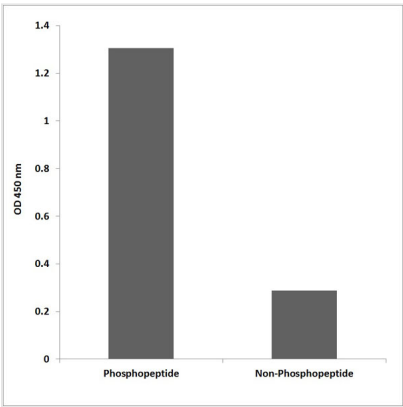
Lamin A; Polyclonal Antibody; Lamin A (Phospho-Ser22) Antibody; 70 kDa lamin; LAMA; LMN1; LMNA; anti-LMNA antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                       |
| Specificity                                    | Lamin A (Phospho-Ser22) Antibody detects endogenous levels of LMNA only when phosphorylated at Ser22.                                                                                            |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (Phospho-without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                       |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                | 614                                                                                                                                                                                              |
| Applicable Applications for anti-LMNA antibody | ELISA, WB (Western Blot)                                                                                                                                                                         |
| Target Modification                            | Phospho                                                                                                                                                                                          |
| Modification Sites                             | H:S22; M:S22; R:S22                                                                                                                                                                              |
| Immunogen                                      | The antiserum was produced against synthesized phospho-peptide derived from human Lamin A around the phosphorylation site of Ser22.                                                              |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |



**WB (Western Blot)**  
Western blot analysis of lysates from HeLa cells treated with paclitaxel 1uM 24h, using Lamin A (Phospho-Ser22) Antibody.



**ELISA**  
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Lamin A (Phospho-Ser22) Antibody

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                  |
| Molecular Weight                 | 74 kDa                                                                                                          |
| 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; MADA; PRO1; CDCD1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B |
| NCBI Protein Information         | lamin                                                                                                           |
| UniProt Protein Name             | Prelamin-A/C                                                                                                    |
| UniProt Gene Name                | LMNA                                                                                                            |
| UniProt Synonym Gene Names       | LMN1                                                                                                            |

**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.