

Lamin A antibody [X67, X167, X233]

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| Catalog No.: | 15-288-22235F |
| Quantity: | 0.1 mg |
| Background: | Nuclear lamins form a network of intermediate-type filaments at the nucleoplasmic site of the nuclear membrane. Two main subtypes of nuclear lamins can be distinguished, i.e. A type lamins and B type lamins. The A type lamins comprise a set of three proteins arising from the same gene by alternative splicing, i.e. lamin A, lamin C and lamin Adel 10, while the B type lamins include two proteins arising from two distinct genes, i.e. lamin B1 and lamin B2. Recent evidence has revealed that mutations in A-type lamins give rise to a range of rare but dominant genetic disorders, including Emery-Dreifuss muscular dystrophy, dilated cardiomyopathy with conduction-system disease and Dunnigan-type familial partial lipodystrophy. In addition, the expression of A type lamins coincides with cell differentiation and as A type lamins specifically interact with chromatin, a role in the regulation of differential gene expression has been suggested for A type lamins. |
| Host / Isotype: | Chicken |
| Immunogen: | cell preparation: Nuclear pore complex-lamina fraction of <i>Xenopus laevis</i> (XLKE-A6 cells). |
| Format: | Purification: Tissue culture supernatant Buffer System: Preservative: 0.09% Sodium Azide. Constituents: Tissue culture supernatant |
| Applications: | IF, WB Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | Cross-reacts with Human, Mouse, <i>Xenopus laevis</i> , Cow, Rat kangaroo and Trout. Not yet tested in other species. |
| Storage: | Store at 4 |

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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