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bs-3254R-HRP

- ## Rabbit Anti-Phospho-Lamin A/C(Ser22) Polyclonal Antibody, HRP conjugated

Conjugated Primary Antibodies

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.

Purification: Was purified by Protein A and peptide affinity chromatography.

Modification Site:
Ser22

Storage:
Aqueous buffered solution containing 100ug/ml BSA, 50% glycerol and less than 0.01% Gentamicin. Store at -20°C for 12 months. [Product without BSA and/or Gentamicin is available for special order.]

Reconstitution:
If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

For full size images and description please click HERE.

Size: 100ul

Concentration: 1ug/uL

Host: Rabbit

Reactivities:
Human,Mouse,Rat,Dog,Pig,Bovine,

Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IHC-P(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 71kDa

Note:

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.