

Product Datasheet

Anti-Lamin B1 Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL01775

Product Information

| | | |
|-----------------------|---|--------------|
| Product name | Anti-Lamin B1 Rabbit pAb | |
| Source | Rabbit | |
| Species reactivity | Human, Mouse, Rat | |
| Tested applications | WB | 1:500-1:1000 |
| | IHC | 1:150-1:300 |
| Cellular localization | Intermediate filament, Nucleus | |
| Pack size | 50/100/200/500/1000µl | |
| Storage | Store at -20°C. Avoid freeze/thaw cycles. | |
| Storage buffer | Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide | |

General Information

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| Background | The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. B-type lamins undergo a series of modifications, such as farnesylation and phosphorylation. Increased phosphorylation of the lamins occurs before envelope disintegration and probably plays a role in regulating lamin associations. Nuclear Lamin B is fragmented as a consequence of apoptosis by an unidentified member of the ICE family. |
| Immunogen | Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Lamin B1. |
| Purification | Polyclonal antibody was purified by immunogen affinity chromatography. |

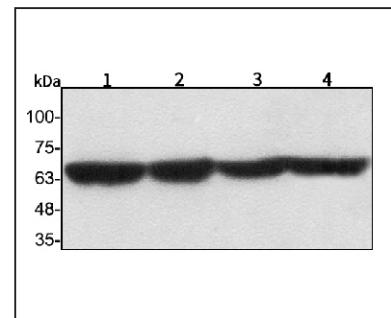
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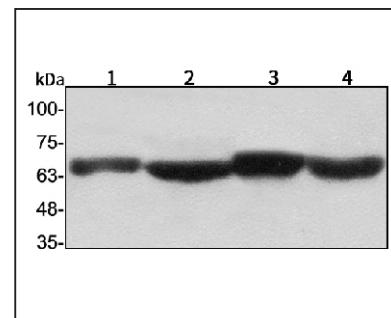
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Product Images



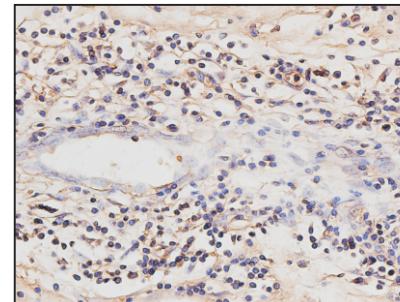
Western blot-Anti-Lamin B1 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-Lamin B1 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 67 kDa
 Observed band size: 67 kDa



Western blot-Anti-Lamin B1 pAb

Lane 1: Mouse stomach tissue lysate
 Lane 2: Mouse brain tissue lysate
 Lane 3: Rat lung tissue lysate
 Lane 4: Rat heart tissue lysate
 All lanes: Anti-Lamin B1 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 67 kDa
 Observed band size: 67 kDa



Immunohistochemistry-Anti-Lamin B1 pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-Lamin B1 Rabbit Antibody at 1:150 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0