

## Anti-LMNB1 antibody (361-460) (STJ119099)

STJ119099

### GENERAL INFORMATION

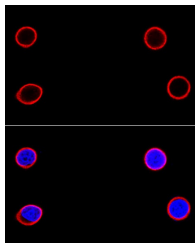
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IF/CC/IP/ELISA  |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

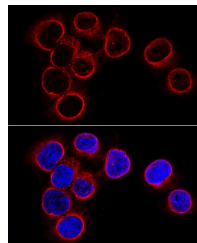
|                            |  |
|----------------------------|--|
| <b>Clonality</b>           | Polyclonal   |
| <b>Clone ID</b>            |  |
| <b>Concentration</b>       | Lot specific   |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Purification</b>        | Affinity purification  |
| <b>Dilution Range</b>      | WB:1:500-1:2000<br>IF/CC:1:50-1:200<br>IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements |
| <b>Formulation</b>         | PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.   |
| <b>Isotype</b>             | IgG  |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.   |

### TARGET INFORMATION

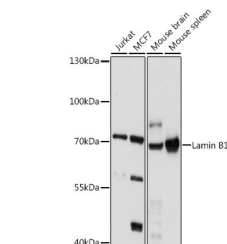
|                           |   |
|---------------------------|---|
| <b>Gene ID</b>            | 4001  |
| <b>Gene Symbol</b>        | LMNB1   |
| <b>Uniprot ID</b>         | LMNB1_HUMAN   |
| <b>Immunogen</b>          |   |
| <b>Immunogen Region</b>   | 361-460   |
| <b>Specificity</b>        | A synthetic peptide corresponding to a sequence within amino acids 361-460 of human Lamin B1 (NP_005564.1). |
| <b>Immunogen Sequence</b> | EQLLDVKLALDMEISAYRKL LEGEEERLKLSPSPSSRTV SRASSRSVRTRTGKRRVD VEESEASSSVSISHSATG<br>NVCEEIDVDGKFIRLKNTS       |



Confocal immunofluorescence analysis of MCF-7 cells using Lamin B1 Rabbit polyclonal antibody (STJ119099) at dilution of 1:100 (60x lens). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of HeLa cells using Lamin B1 Rabbit polyclonal antibody (STJ119099) at dilution of 1:100 (60x lens). Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using Lamin B1 Rabbit polyclonal antibody (STJ119099) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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