

## Anti-LMNB2 antibody (341-620) (STJ28566)

STJ28566

### GENERAL INFORMATION

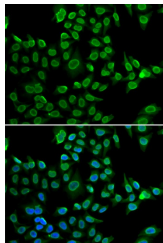
|                          |                       |
|--------------------------|-----------------------|
| <b>Product Type</b>      | Primary antibodies    |
| <b>Short Description</b> |                       |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/ELISA |
| <b>Host/Source</b>       | Rabbit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

### PRODUCT PROPERTIES

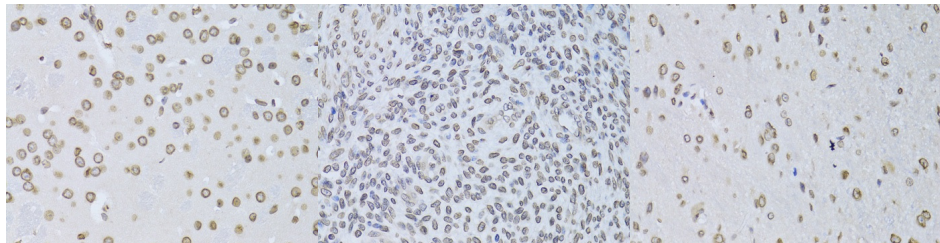
|                      |                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>     | Polyclonal                                                                                                                                                                 |
| <b>Clone ID</b>      |                                                                                                                                                                            |
| <b>Concentration</b> | Lot specific                                                                                                                                                               |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                               |
| <b>Purification</b>  | Affinity purification                                                                                                                                                      |
| <b>Dilution</b>      | WB:1:500-1:2000                                                                                                                                                            |
| <b>Range</b>         | IHC-P:1:50-1:200<br>IF/ICC:1:50-1:100<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>   | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                         |
| <b>Isotype</b>       | IgG                                                                                                                                                                        |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                             |
| <b>Instruction</b>   |                                                                                                                                                                            |

### TARGET INFORMATION

|                           |                                                                                                                                                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 84823                                                                                                                                                                                                                                                     |
| <b>Gene Symbol</b>        | LMNB2                                                                                                                                                                                                                                                     |
| <b>Uniprot ID</b>         | LMNB2_HUMAN                                                                                                                                                                                                                                               |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                           |
| <b>Immunogen Region</b>   | 341-620                                                                                                                                                                                                                                                   |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 341-620 of human Lamin B2 (NP_116126.3).                                                                                                                                    |
| <b>Immunogen Sequence</b> | AMAGERDKFRKMLDAKEQEM TEMRDVMQQQLAEYQELLDV KLALDMEINAYRKLEGEED RLKLSPPSSSRVTVSRATSS<br>SSGSLSATGRLGRSKRKRL VEEPLGSGPSVLGTGTGGSG GFHLAQASASGSVSIEID LEGKFVQLKNNSDKDQSLGN<br>WRIKRQVLGEEIAYKFTPK YILRAGQMVTWAAGAGVAH SPPSTLWKGQSSWGTGESF RTVLVNADGEEVAMRTVKK |



Immunofluorescence analysis of U2OS cells using Lamin B2 antibody (STJ28566). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse brain using Lamin B2 Antibody (STJ28566) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.

Immunohistochemistry analysis of paraffin-embedded human adenomyosis using Lamin B2 Antibody (STJ28566) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.

Immunohistochemistry analysis of paraffin-embedded rat brain using Lamin B2 Antibody (STJ28566) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.

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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