

## PRODUCT DATASHEET

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### Lamin B1 Polyclonal Antibody

#### Product Information

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| <b>Product Number:</b>        | ABP140  |
| <b>Package size :</b>         | 100 µL  |
| <b>Description:</b>           | Rabbit polyclonal to Lamin B1   |
| <b>Host Species:</b>          | Rabbit  |
| <b>Purification:</b>          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Application:</b>           | WB IHC ELISA  |
| <b>Species Reactivity:</b>    | Hu Ms Rt  |
| <b>Specificity:</b>           | Lamin B1 Polyclonal Antibody detects endogenous levels of Lamin B1 protein.   |
| <b>Immunogen Type:</b>        | Peptide   |
| <b>Immunogen Description:</b> | Synthesized peptide derived from the N-terminal region of human Lamin B1.   |
| <b>Target Name:</b>           | Lamin B1  |
| <b>Other Names:</b>           | LMNB1; LMN2; LMNB; Lamin-B1   |
| <b>Accession No:</b>          | Swiss-Prot: P20700NCBI Gene ID: 4001  |
| <b>Concentration:</b>         | 1.0mg/ml  |
| <b>Buffer:</b>                | PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Storage:</b>               | Store at -20°C for long-term preservation (recommended). Store at 4°C for short- term use. Avoid freeze / thaw cycle. |

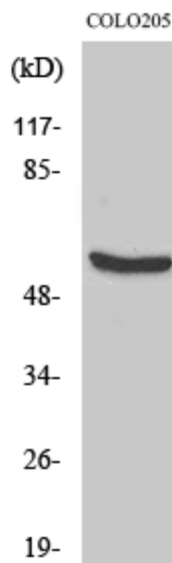
#### Application details

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|-----------------------------|--------------|
| <b>Predicted MW:</b>        | 67 KDa       |
| <b>WB dilution:</b>         | 1:500-1:2000 |
| <b>Immunohistochemistry</b> | 1:100-1:300  |
| <b>ELISA:</b>               | 1:40000      |

## Images

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Western Blot analysis of mouse brain cells using Lamin B1 Polyclonal Antibody ABP140.

## Background

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Nuclear lamins are fibrous proteins providing structural function and transcriptional regulation in the cell nucleus. Lamin B1 is conserved across species. Human lamin B1 is more than 50% identical to other human lamins. Lamin B1 protein is not suitable as a loading control for samples without nuclear envelope.

## Disclaimer

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The product was manufactured via a Quality System certified ISO9001 and tested in accordance with documented quality procedures and approved as a result of meeting the required specification. This product is for in vitro research use only and is not intended for use in humans or animals. Cyanagen warrants that its products conform to the information contained in this and other Cyanagen publications. Purchaser must determine the suitability of the product for its particular use.