

Datasheet: VPA00715

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|----------------------|-------------------------|
| Description: | RABBIT ANTI LAMIN B2 |
| Specificity: | LAMIN B2 |
| Format: | Purified |
| Product Type: | PrecisionAb™ Polyclonal |
| Isotype: | Polyclonal IgG |
| Quantity: | 100 µl |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪ | | | 1/1000 |

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

| | |
|---------------------------------|--|
| Target Species | Human |
| Species Cross Reactivity | Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species. |
| Product Form | Purified IgG - liquid |
| Preparation | Rabbit polyclonal antibody purified by affinity chromatography |
| Buffer Solution | Phosphate buffered saline |
| Preservative | 0.09% Sodium Azide |
| Stabilisers | 2% Sucrose |
| Immunogen | Synthetic peptide encompassing part of the N terminal region of human lamin B2 |
| External Database Links | <p>UniProt: Q03252 Related reagents</p> <p>Entrez Gene: 84823 LMNB2 Related reagents</p> |
| Synonyms | LMN2 |

Specificity Rabbit anti Human lamin B2 antibody recognizes lamin B2.

The LMNB2 gene encodes a B type nuclear lamin. The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. 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. Mutations in LMNB2 are associated with acquired partial lipodystrophy (provided by RefSeq, May 2012).

Rabbit anti Human lamin B2 antibody detects a band of 68 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Rabbit anti lamin B2 detects a band of approximately 68 kDa in NIH/3T3 cell lysates

Instructions For Use Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Shelf Life As supplied, 12 months from date of despatch.

Acknowledgements PrecisionAb™ is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10045 available at: Antibody (10045): <https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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'M328877:180730'

Printed on 06 Dec 2018

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