

Datasheet: VPA00119

**BATCH NUMBER 152259**

<b>Description:</b>	GOAT ANTI LAMIN B1
<b>Specificity:</b>	LAMIN B1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** 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 dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Goat polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> ) 0.5 % BSA
<b>Immunogen</b>	Peptide with the sequence C-DVKVILKNSQGE, from the internal region of the protein sequence.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P20700</a> <a href="#">Related reagents</a>

**Entrez Gene:**[4001](#) LMNB1 [Related reagents](#)**Synonyms**

LMN2, LMNB

**Specificity****Goat anti Human lamin B1 antibody** recognizes the lamin B1 protein

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. Encoded by LMNB1, lamin B1 represents one of the two B type proteins. Alternative splicing results in transcript variants and a duplication of LMNB1 is associated with autosomal dominant adult-onset leukodystrophy (ADLD) (provided by RefSeq, Oct 2010).

The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting**

Anti lamin B1 detects a band of approximately 74 kDa in HEK293 cell lysates.

**Storage**

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

**Guarantee**

12 months from date of despatch

**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety Information**

Material Safety Datasheet documentation #10058 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00119>  
Antibody (10058)

**Regulatory**

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)**North & South America**

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
'M370511:200529'

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