

Datasheet: VPA00119

Description:	GOAT ANTI LAMIN B1
Specificity:	LAMIN B1
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
Product Form	Purified IgG - liquid
Preparation	Goat polyclonal antibody purified by affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃) 0.5 % BSA
Immunogen	Peptide with the sequence C-DVKVILKNSQGE, from the internal region of the protein sequence.
External Database Links	UniProt: P20700 Related reagents 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).

Goat anti Human lamin B1 antibody detects a band of 66 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti lamin B1 detects a band of approximately 66 kDa in HEK293 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 #10058 available at: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

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