

Product datasheet for **TA339288**

Lamin B1 (LMNB1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-LMNB1 antibody: synthetic peptide directed towards the middle region of human LMNB1. Synthetic peptide located within the following region: EEVAQRSTVFKTTIPEEEEEEEAAGVWVEELFHQQGTPRASNRSCAIM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	66 kDa
Gene Name:	lamin B1
Database Link:	NP_005564 Entrez Gene 4001 Human P20700



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Background:

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. This gene encodes one of the two B type proteins, B1. Alternative splicing results in transcript variants and a duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD). [provided by RefSeq, Oct 2010]

Synonyms:

ADLD; LMN; LMN2; LMNB

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 91%; Horse: 86%; Bovine: 86%

Product images:

WB Suggested Anti-LMNB1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive
Control: SK-MEL-2 cell lysate. LMNB1 is supported
by BioGPS gene expression data to be expressed
in SKMEL2