

## Product datasheet for **TA332459**

### Lamin B1 (LMNB1) Rabbit Polyclonal Antibody

#### Product data:

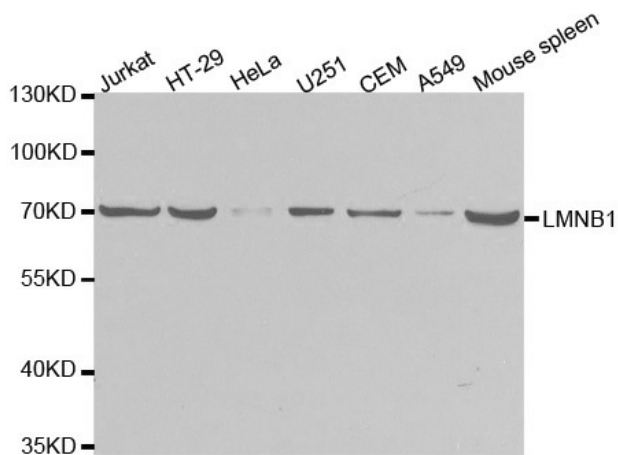
Product Type:	Primary Antibodies
Applications:	ChIP, ICC/IF, IHC, IP, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human LMNB1
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	586
Gene Name:	lamin B1
Database Link:	<a href="#">NP_005564</a> <a href="#">Entrez Gene 16906 MouseEntrez Gene 116685 RatEntrez Gene 4001 Human P20700</a>
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).



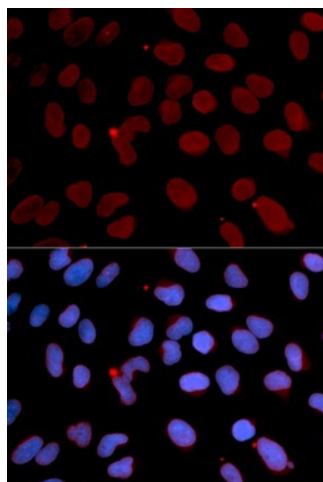
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Synonyms: ADLD; LMN; LMN2; LMNB

**Product images:**



Western blot analysis of extracts of various cell lines, using LMNB1 antibody.



Immunofluorescence analysis of U2OS cell using LMNB1 antibody. Blue: DAPI for nuclear staining.