



## Anti-LMNB1 polyclonal antibody (DPAB-DC742)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	LMNB1 (lamin B1) is a protein-coding gene. Diseases associated with LMNB1 include leukodystrophy, adult-onset, autosomal dominant, and leukodystrophy, and among its related super-pathways are Apoptosis and survival FAS signaling cascades and Mitotic M-M/G1 phases. GO annotations related to this gene include structural molecule activity and phospholipase binding. An important paralog of this gene is VIM.
<b>Specificity</b>	This antibody detects a 68 KDa mouse Lamin B1. It also reacts in a lesser extent with human and rat samples. A ~40 KDa unknown band can also be detected in all human, mouse and rat samples.
<b>Immunogen</b>	A synthetic peptide corresponding to residues surrounding amino acids 572 of mouse Lmnb1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate),
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and

thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Lmnb1 lamin B1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	LMNB1
<b>Synonyms</b>	LMNB1; lamin B1; lamin-B1;
<b>Entrez Gene ID</b>	<a href="#">16906</a>
<b>Protein Refseq</b>	<a href="#">NP_034851</a>
<b>UniProt ID</b>	<a href="#">P14733</a>
<b>Chromosome Location</b>	18 D3; 18 30.84 cM
<b>Pathway</b>	Apoptosis; Apoptotic execution phase; Cell Cycle; Cellular responses to stress
<b>Function</b>	JUN kinase binding; phospholipase binding; structural molecule activity;