



Anti-LMNB1 polyclonal antibody (DPAB-DC742)

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	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.
Immunogen	A synthetic peptide corresponding to residues surrounding amino acids 572 of mouse Lmnb1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB (Cell lysate),
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)
Preservative	None
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and

thawing.

GENE INFORMATION

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