

Product Name: KD-Validated Lamin B1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00022

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:2,000-1:10,000
Molecular Weight	Calculated MW: 66.4kDa

Antigen Information

Gene Name	LMNB1
Alternative Names	Lamin B1; LMN2; LMNB; ADLD; LMN; lamin-B1
Gene ID	4001.0
SwissProt ID	P20700
Immunogen	Recombinant protein of human Lamin B1

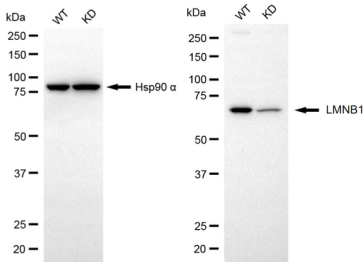
Background

This gene encodes one of the two B-type lamin proteins and is a component of the nuclear lamina. A duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

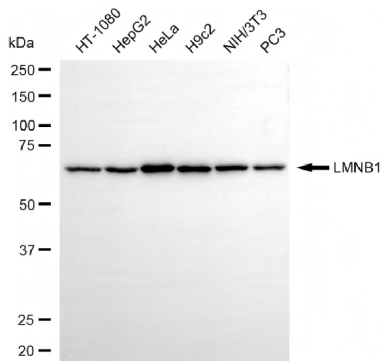
Research Area

Cell Biology, Tags & Cell Markers, Signal Transduction, Isotype/Loading Controls, Cancer

Image Data



Western blotting analysis using LMNB1 antibody (KVA00022). Lamin B1 expression in wild-type (WT) and LMNB1 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with LMNB1 antibody (KVA00022, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using LMNB1 antibody (KVA00022). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with LMNB1 antibody (KVA00022, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.