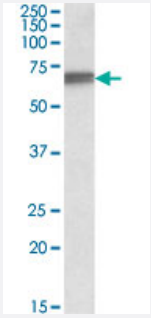
LMNB1 polyclonal antibody

Catalog # PAB27538 Size 100 ug

Applications



Western Blot (Cell lysate)

LMNB1 polycolnal antibody (Cat # PAB27538) (1ug/ml) staining of nuclear HeLa lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of LMNB1.
Immunogen	A synthetic peptide corresponding to amino acids 526-537 near C-terminus region of human LMNB1 .
Sequence	DVKVILKNSQGE
Host	Goat
Theoretical MW (kDa)	70
Reactivity	Chicken, Dog, Human, Mouse, Pig
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) Western Blot (0.3-1ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  LMNB1 polycolnal antibody (Cat # PAB27538) (1ug/ml) staining of nuclear HeLa lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — LMNB1

Entrez GeneID	4001
Protein Accession#	NP_005564.1;NP_001185486.1
Gene Name	LMNB1
Gene Alias	ADLD, LMN, LMN2, LMNB, MGC111419
Gene Description	lamin B1
Omim ID	150340 169500
Gene Ontology	Hyperlink
Gene Summary	The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nucle ar membrane. The lamin family of proteins make up the matrix and are highly conserved in evoluti on. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosph orylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and ge ne expression. Vertebrate lamins consist of two types, A and B. This gene encodes one of the tw o B type proteins, B1. [provided by RefSeq
Other Designations	-

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

- Multiple Sclerosis