

Lamin B2 Antibody
Rabbit mAb
Catalog # AP91538

Specification

Lamin B2 Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	Q03252
Reactivity	Rat
Clonality	Monoclonal
Other Names	
LAMB2; LMN 2; LMN B2; LMN2; LMNB2;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	69948 Da

Lamin B2 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Lamin B2
Description	Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Lamin B2 Antibody - Protein Information

Name LMNB2

Synonyms LMN2

Function

Lamins are intermediate filament proteins that assemble into a filamentous meshwork, and which constitute the major components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane (PubMed:<<http://www.uniprot.org/citations/33033404>>33033404). Lamins provide a framework for the nuclear envelope, bridging the nuclear envelope and chromatin, thereby playing an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics (PubMed:<<http://www.uniprot.org/citations/33033404>>33033404). The structural integrity of the lamina is strictly controlled by the cell cycle, as seen by the

disintegration and formation of the nuclear envelope in prophase and telophase, respectively (PubMed:33033404).

Cellular Location

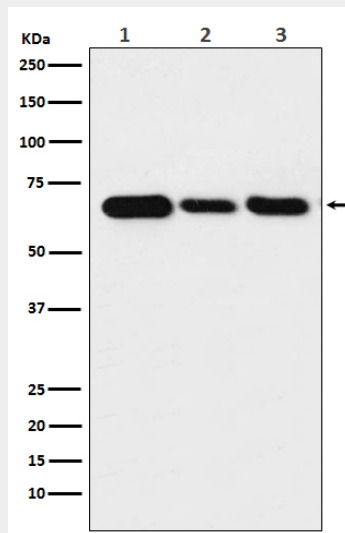
Nucleus lamina.

Lamin B2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Lamin B2 Antibody - Images



Western blot analysis of Lamin B2 expression in (1) Jurkat cell lysate; (2) NIH/3T3 cell lysate; (3) C6 cell lysate.