

KD-Validated Anti-Lamin B2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1248

Product Information

Application	WB, FC, ICC
Primary Accession	Q03252
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 2605
Calculated MW	69948
Gene Name	LMNB2
Aliases	LMNB2; Lamin B2; LMN2; Lamin-B2; Epididymis Secretory Sperm Binding Protein; Lamin B3; MCPH27; LAMB2; EPM9
Immunogen	A synthesized peptide derived from human Lamin B2

Additional Information

Gene ID	84823
Other Names	Lamin-B2, LMNB2, LMN2

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: 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: 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.

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