

Lamin B Receptor Rabbit mAb
Catalog # AP75661**Specification****Lamin B Receptor Rabbit mAb - Product Information**

Application	WB, IHC
Primary Accession	Q14739
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	70703

Lamin B Receptor Rabbit mAb - Additional Information

Gene ID 3930

Other Names

LBR

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

Format

Liquid

Lamin B Receptor Rabbit mAb - Protein Information

Name LBR

Function

Catalyzes the reduction of the C14-unsaturated bond of lanosterol, as part of the metabolic pathway leading to cholesterol biosynthesis (PubMed:12618959, PubMed:16784888, PubMed:21327084, PubMed:27336722, PubMed:9630650). Plays a critical role in myeloid cell cholesterol biosynthesis which is essential to both myeloid cell growth and functional maturation (By similarity). Mediates the activation of NADPH oxidases, perhaps by maintaining critical levels of cholesterol required for membrane lipid raft formation during neutrophil differentiation (By similarity). Anchors the lamina and the heterochromatin to the inner nuclear membrane (PubMed:10828963).

Cellular Location

Nucleus inner membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane. Cytoplasm Nucleus. Note=Nucleus; nuclear rim

Tissue Location

Expressed in the bone marrow, liver, heart, adrenal gland, lung, placenta and uterus (PubMed:16784888). Expressed in osteoclasts and osteoblast-like cells (PubMed:21327084)

Lamin B Receptor Rabbit mAb - 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 B Receptor Rabbit mAb - Images

