Anti-Lamin B Receptor antibody, rabbit polyclonal, affinity-purified

Product code	70-301
Size	50 µg
Storage	-20℃
Concentration	1.0 mg/ml
Buffer	PBS- with 50% glycerol
Purity	Affinity-purified with immunogen.
Immunogen	Purified recombinant mouse LBR (amino acids 1-81)
Isotype	Rabbit IgG
Reactivity	Mouse and human. Not tested with other species
Special notes	N/A
Application	1. Western blotting (0.2~1 ug /ml) 2. Immunoprecipitation. 3. Indirect immuno-fluorescence staining Other applications were not tested
Background	Lamins are nuclear membrane proteins that serve to maintain nuclear structure and functions. Lamin B receptor (LBR) is localized in the nuclear envelope inner membrane and anchors the lamina and heterochromatin to the membrane (1). It may mediate interaction between chromatin and lamin B (2). The interaction with lamin and chromatin is regulated by phosphorylation.
Data Link	N/A

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Data Images: 70-301 Anti-Lamin B Receptor antibody, rabbit polyclonal, affinity-purified

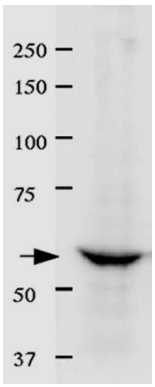

Fig.1 Identification of LBR in crude extract of HeLa cells by immuno-precipitation followed by western blotting

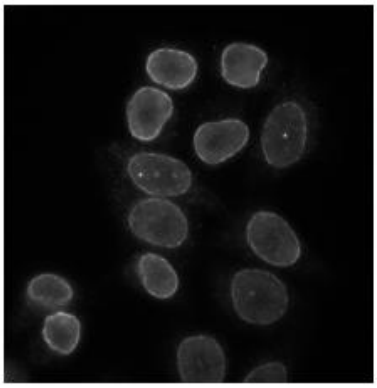

Fig.2 Indirect immuno-fluorescence staining of HeLa cells

Reference

1. Worman HJ, et al (1988) A lamin B receptor in the nuclear envelope. Pro.Natl.Acad.Sci. USA 85:8531
2. Pyrpasopoulou A, et al. (1996) The lamin B receptor (LBR) provides essential chromatin docking sites at the nuclear envelope. EMBO J. 15: 7108-19

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