

Product Datasheet

Lamin B Receptor Antibody (E398L) NB110-56894

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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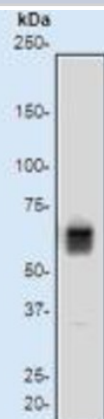


NB110-56894**Lamin B Receptor Antibody (E398L)**

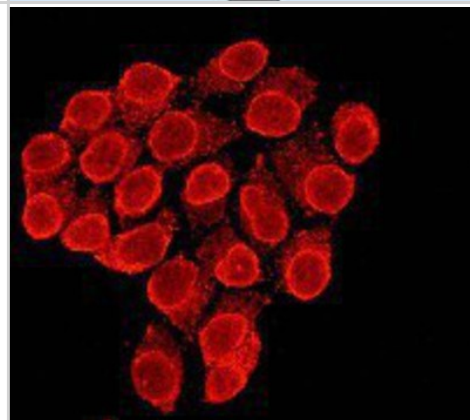
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	E398L
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	49% PBS, 0.05% BSA and 50% Glycerol
Product Description	
Host	Rabbit
Gene ID	3930
Gene Symbol	LBR
Species	Human, Rat, Mouse (Negative)
Reactivity Notes	Reacts with: Rat, Human Does not react with Mouse
Marker	Nuclear Inner Membrane Marke
Immunogen	A synthetic peptide corresponding to residues of human Lamin B Receptor was used as immunogen.
Notes	Produced using Abcam's RabMab® technology. RabMab® technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,487.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-10000, Immunocytochemistry/Immunofluorescence 1:500, Immunoprecipitation 1:50
Application Notes	This product is useful for: Western Blot, Immunocytochemistry, Immunoprecipitation. In Western blot this antibody detects a band at approximately 71kDa.

Images

Western Blot: Lamin B Receptor Antibody (E398L) [NB110-56894] Jurkat cell lysate using a 1:500 dilution.



Immunocytochemistry/Immunofluorescence: Lamin B Receptor Antibody (E398L) [NB110-56894] - B. Immunofluorescent staining of HeLa cells using anti-LBR.



Publications

Funakoshi T, Clever M, Watanabe A et al. Localization of Pom121 to the inner nuclear membrane is required for an early step of interphase nuclear pore complex assembly. *Mol Biol Cell* 2011 Apr [PMID: 21289085] (WB)

Geiger SK, Br H, Ehlermann P et al. Incomplete nonsense-mediated decay of mutant lamin A/C mRNA provokes dilated cardiomyopathy and ventricular tachycardia. *J Mol Med (Berl)* 2008 Mar [PMID: 17987279] (ICC/IF)

Barrowman J, Hamblet C, George CM et al. Analysis of prelamin A biogenesis reveals the nucleus to be a CaaX processing compartment. *Mol Biol Cell* 2008 Dec [PMID: 18923140] (ICC/IF)

Chi YH, Haller K, Peloponese JM Jr et al. Histone acetyltransferase hALP and nuclear membrane protein hsSUN1 function in de-condensation of mitotic chromosomes. *J Biol Chem* 2007 Sep [PMID: 17631499] (ICC/IF)

Ulbert S, Antonin W, Platani M et al. The inner nuclear membrane protein Lem2 is critical for normal nuclear envelope morphology. *FEBS Lett* 2006 Nov [PMID: 17097643] (ICC/IF)

Maeshima K, Yahata K, Sasaki Y et al. Cell-cycle-dependent dynamics of nuclear pores: pore-free islands and lamins. *J Cell Sci* 2006 Nov [PMID: 17074834] (ICC/IF)

Fuchs TA, Abed U, Goosmann C et al. Novel cell death program leads to neutrophil extracellular traps. *J Cell Biol* 2007 Jan [PMID: 17210947] (EM)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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