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Datasheet for ABIN6268707

anti-Lamin B antibody

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Overview

Quantity:	100 µL
Target:	Lamin B
Reactivity:	Rat, Mouse, Human, Fish, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lamin B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human Lamin B
Isotype:	IgG
Specificity:	Lamin B Antibody detects endogenous levels of total Lamin B
Cross-Reactivity:	Fish, Human, Monkey, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Lamin B
Abstract:	Lamin B Products

Target Details

Background:	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. Gene: LMNB1
Molecular Weight:	66 kDa
Gene ID:	4001
UniProt:	P20700

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:200
Restrictions:	For Research Use only

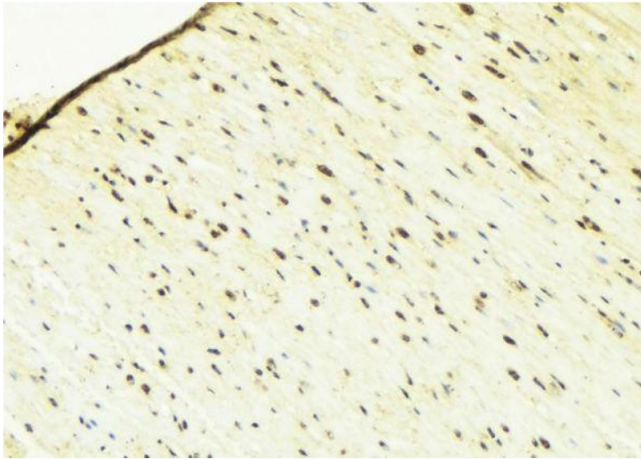
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months

Publications

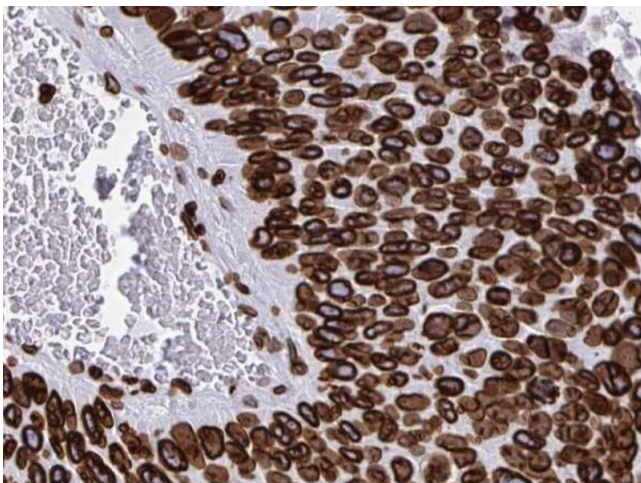
Product cited in:	Qiu, Ma, Wu, Ding: "DL-3-n-butylphthalide improves ventricular function, and prevents ventricular remodeling and arrhythmias in post-MI rats." in: Naunyn-Schmiedeberg's archives of pharmacology , Vol. 391, Issue 6, pp. 627-637, (2018) (PubMed).
	Waltz, Kautza, Luciano, Dyer, Stolz, Loughran, Neal, Sperry, Rosengart, Zuckerbraun: "Heme Oxygenase-2 Localizes to Mitochondria and Regulates Hypoxic Responses in Hepatocytes." in:

Images



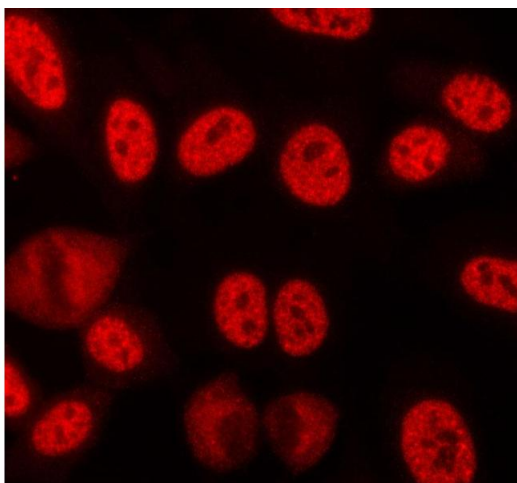
Immunohistochemistry

Image 1. ABIN6268709 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Immunohistochemistry

Image 2. ABIN6268709 at 1/100 staining human Pancreas cancer tissues sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hou



Immunofluorescence (fixed cells)

Image 3. ABIN6268709 staining lovo cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor® 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondry antibody

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6268707.