

Datasheet for ABIN6262989

anti-Lamin B2 antibody (Internal Region)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Lamin B2 (LMNB2)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lamin B2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human LMNB2, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	LMNB2 Antibody detects endogenous levels of total LMNB2.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Lamin B2 (LMNB2)
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Target Details

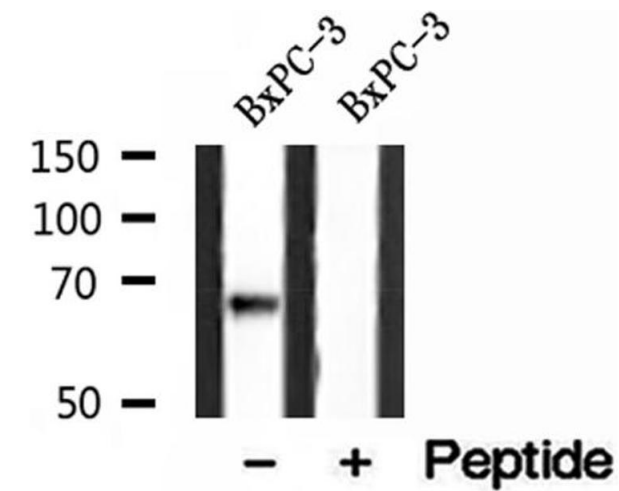
Alternative Name:	LMNB2 (LMNB2 Products)
Background:	<p>Description: Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin.</p> <p>Gene: LMNB2</p>
Molecular Weight:	66-68kDa
Gene ID:	84823
UniProt:	Q03252
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

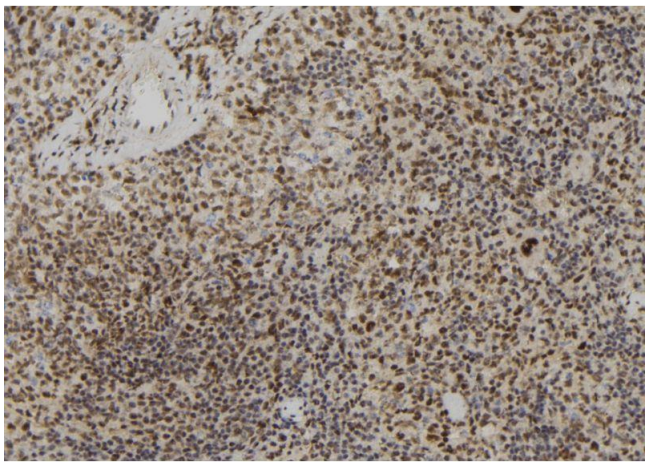
Handling

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



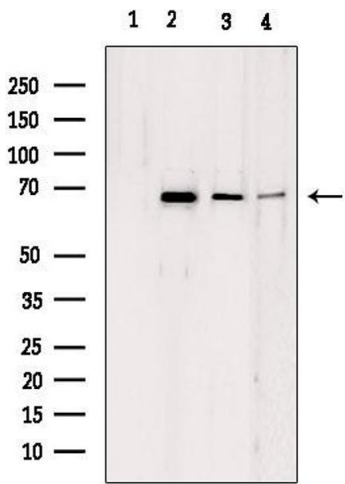
Western Blotting

Image 1. Western blot analysis of extracts of BxPC-3 cells, using LMNB2 antibody.



Immunohistochemistry

Image 2. ABIN6273053 at 1/100 staining Mouse spleen 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.



Western Blotting

Image 3. Western blot analysis of extracts from various samples, using LMNB2 antibody. Lane 1: mouse brain treated with blocking peptide. Lane 2: Mouse brain; Lane 3: HeLa; Lane 4: Hepg2;