

# Lamin B2 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Lamin B2 (580-597aa EEDLFHQGGDPRTTSRGC).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide, 0.05mg thimerosal
Storage conditions	-20°C
RRID	AB_2746723

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	0.5-1 µg/mL	-

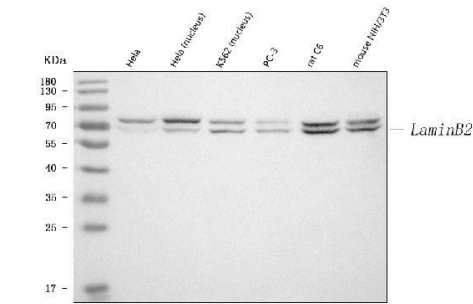
## Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For Lamin B2 Polyclonal Antibody

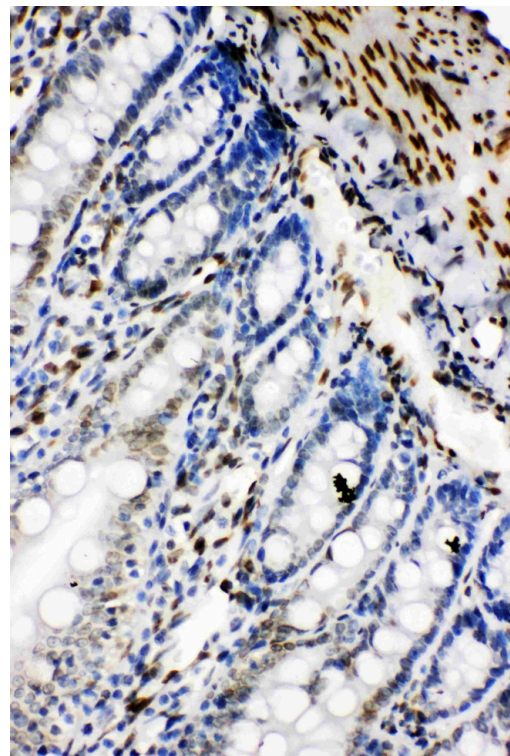
Lamin B2 Antibody (PA5-79608) in WB

Western blot analysis of Lamin B2 in, Lane 1: human Hela whole cell lysates, Lane 2: human Hela whole cell (nucleus) lysates, Lane 3: human K562 whole cell (nucleus) lysates, Lane 4: human PC-3 whole cell lysates, Lane 5: rat C6 whole cell lysates, Lane 6: mouse NIH/3T3 whole cell lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. The membrane was blocked with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with Lamin B2 Polyclonal Antibody (Product # PA5-79608) at 0.5 g/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1: 5,000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for Lamin B2 at approximately 70 kDa. The expected band size for Lamin B2 is at 68 kDa.



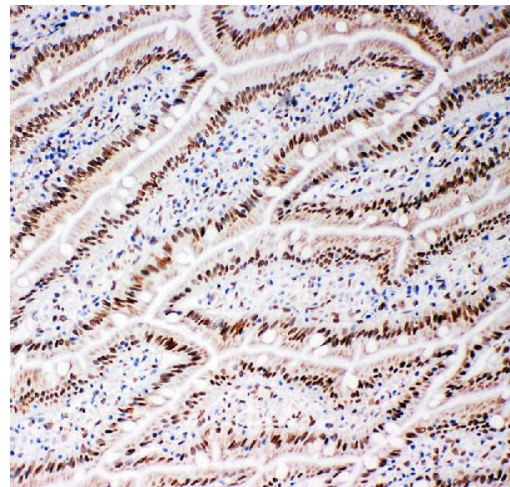
Lamin B2 Antibody (PA5-79608) in IHC (P)

Immunohistochemistry analysis of Lamin B2 on paraffin-embedded rat intestine tissue. Sample was incubated with Lamin B2 polyclonal antibody (Product# PA5-79608).



Lamin B2 Antibody (PA5-79608) in IHC (F)

Immunohistochemical analysis of Lamin B2 in frozen section of rat intestine tissues. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1g/mL rabbit anti-Lamin B2 antibody (Product # PA5-79608) overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



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