

Rabbit LMNB2 Polyclonal Antibody | anti-LMNB2 antibody

LMNB2 Antibody

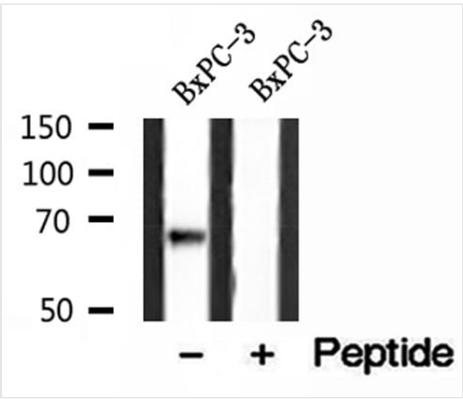
CATALOG # AAA323033	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

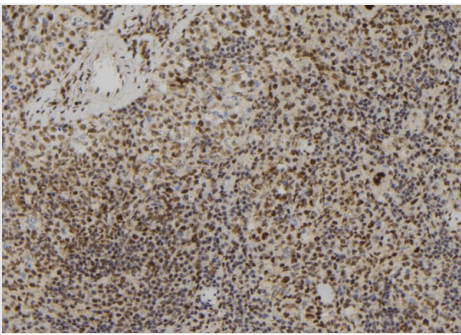
LMNB2; Polyclonal Antibody; LMNB2 Antibody; LAMB 2; LAMB2; Lamin-B2; LMN 2; LMN B2; LMN2; LMNB 2; LMNB2_HUMAN; MGC2721; RGD1563803; anti-LMNB2 antibody

PRODUCT SPECIFICATIONS

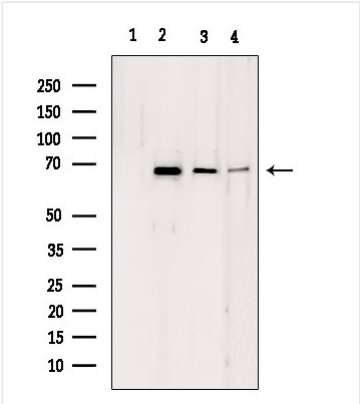
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LMNB2 antibody detects endogenous levels of LMNB2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	620
Applicable Applications for anti-LMNB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LMNB2.
Subcellular Location	Nucleus Inner Membrane.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Chicken
Similarity	Pig (83%), Zebrafish (83%), Bovine (83%), Horse (80%), Sheep (83%), Dog (83%), Chicken (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts of BxPC-3 cells, using LMNB2 antibody.



IHC (Immunohistochemistry)
AAA323033 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 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
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;

ADDITIONAL INFORMATION

Related Product Information for anti-LMNB2 antibody	Function: 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. Subunit Structure: Interacts with TMEM43. Post-translational Modifications: B-type lamins undergo a series of modifications, such as farnesylation and phosphorylation. Increased phosphorylation of the lamins occurs before envelope disintegration and probably plays a role in regulating lamin associations. Similarity: Belongs to the intermediate filament family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	388240801
NCBI GeneID	84823
NCBI Accession #	NP_116126.3
NCBI GenBank Nucleotide #	NM_032737.3
UniProt Accession #	Q03252; O75292; Q14734; Q96DF6
Molecular Weight	Observed: 66-68 kD Predicted: 70 kDa
NCBI Official Full Name	lamin-B2

NCBI Official Synonym Full Names	lamin B2
NCBI Official Symbol	LMNB2
NCBI Official Synonym Symbols	EPM9; LMN2; LAMB2
NCBI Protein Information	lamin-B2
UniProt Protein Name	Lamin-B2
UniProt Gene Name	LMNB2
UniProt Synonym Gene Names	LMN2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/lmnb2-antibody-immunohistochemistry-western-blot-elisa/323033>