

Mouse Lamin B1 Monoclonal Antibody | anti-LMNB1 antibody

Lamin B1 Monoclonal Antibody (7C11)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30799	Mouse	Human, Rat, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Immunoprecipitation

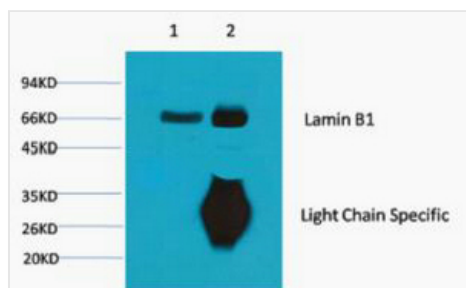
PRODUCT SYNONYMS

Lamin B1; Monoclonal Antibody; Lamin B1 Monoclonal Antibody (7C11); Lamin-B1; LMNB1; LMN2; LMNB; anti-LMNB1 antibody

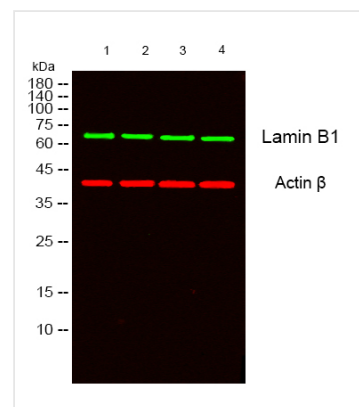
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Clone Number	7C11
Specificity	The antibody detects endogenous Lamin B1 protein.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-LMNB1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 1:2000-5000 IP: 1:200 IF: 1:200 IHC: 1:50-300
Immunogen	Recombinant Protein of Lamin-B1
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

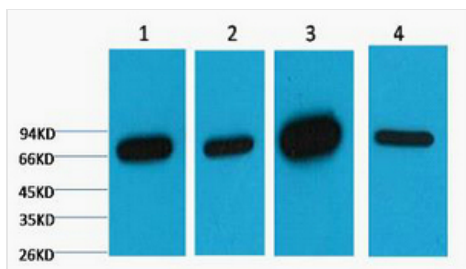
IMAGES



Application Data

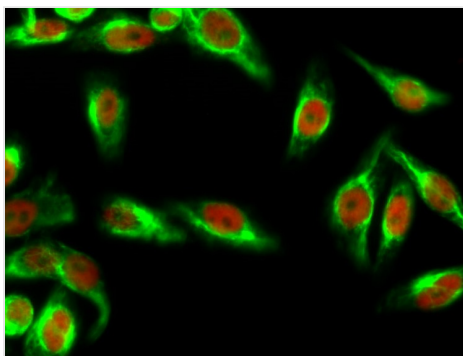


Application Data



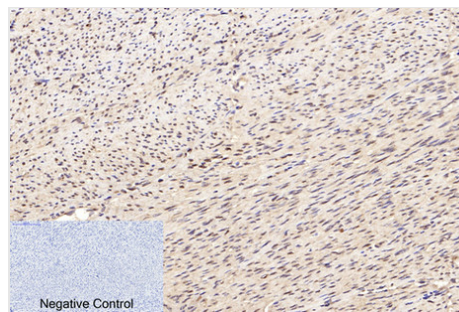
Application Data

Zhang, Jie. et al. "Neuroprotective effects of astaxanthin against oxygen and glucose deprivation damage via the PI3K/Akt/GSK3 γ /Nrf2 signalling pathway in vitro." Journal of Cellular and Molecular Medicine 24.16 (2020): 8977-8985.



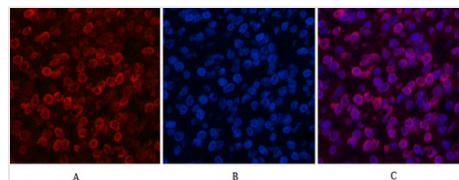
WB (Western Blot)

Western blot analysis of lysates from 1) HepG2. 2) 293T. 3) Mouse Brain Tissue. 4) Rat Brain Tissue cells. (Green) primary antibody was diluted at 1:1000. 4 degree over night. secondary antibody was diluted at 1:10000. 37 degree 1hour. (Red) Actin ? Polyclonal Antibody antibody was diluted at 1:5000 as loading control. 4 degree over night. secondary antibody was diluted at 1:10000. 37 degree 1hour.



Application Data

Cai, Shao-Ai. et al. "Nrf2 is a key regulator on puerarin preventing cardiac fibrosis and upregulating metabolic enzymes UGT1A1 in rats." Frontiers in pharmacology 9 (2018).



WB (Western Blot)

Western blot analysis of 1) HepG2. 2) 293T. 3) Mouse Brain Tissue. 4) Rat Brain Tissue. diluted at 1:5000. cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).

ADDITIONAL INFORMATION

Related Product Information for anti-LMNB1 antibody	lamin B1(LMNB1) Homo sapiens This gene encodes one of the two B-type lamin proteins and is a component of the nuclear lamina. A duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
Product Categories/Family for anti-LMNB1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	125953
NCBI GeneID	4001
UniProt Accession #	P20700 ; Q3SYN7 ; Q96EI6 ; B2R6J6
Molecular Weight	586
NCBI Official Full Name	Lamin-B1
NCBI Official Synonym Full Names	lamin B1
NCBI Official Symbol	LMNB1
NCBI Official Synonym Symbols	LMN; ADLD; LMN2; LMNB
NCBI Protein Information	lamin-B1
UniProt Protein Name	Lamin-B1
UniProt Gene Name	LMNB1

UniProt Synonym Gene Names	LMN2; LMNB
UniProt Entry Name	LMNB1_HUMAN

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/monoclonal/lamin-b1-antibody-clone-7c11-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-immunoprecipitation-elisa/30799>