

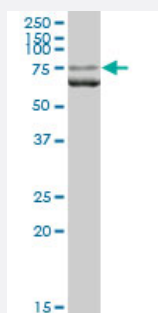
MaxPab®

LMNA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004000-B01P

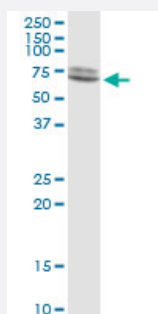
Size 50 ug

Applications



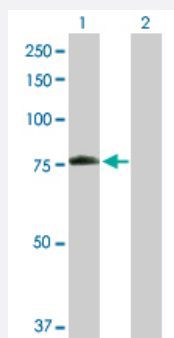
Western Blot (Tissue lysate)

LMNA MaxPab polyclonal antibody. Western Blot analysis of LMNA expression in human pancreas.



Western Blot (Cell lysate)

LMNA MaxPab polyclonal antibody. Western Blot analysis of LMNA expression in A-431.

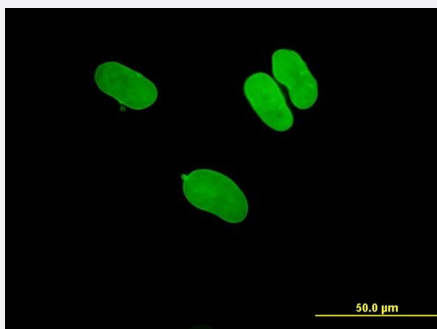


Western Blot (Transfected lysate)

Western Blot analysis of LMNA expression in transfected 293T cell line ([H00004000-T01](#)) by LMNA MaxPab polyclonal antibody.

Lane 1: LMNA transfected lysate(73.04 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to LMNA on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human LMNA protein.
Immunogen	LMNA (NP_733821.1, 1 a.a. ~ 664 a.a) full-length human protein.
Sequence	METPSQRRATRSGAQASSTPLSPTRITRLQEKEDLQELNDR LAVYIDRVRSLETENAGLRRLRITESE EVVSREVSIGIAAYEALGDARKTLDVAKERARLQELSKVREEFKELKARNTKKEGDLIAAQA RLKDLEALLNSKEAALSTALSEKRTLEGELHDLRGQVAKLEAALGEAKKQLQDEMLRRVDAENR LQTMKEELDFQKNYSEELRETKRRHETRLVEIDNGKQREFESRLADALQELRAQHEDQVEQYKK ELEKTYSAKLDNARQSAERNNSNLVGAAHEELQQSRIRIDSLSAQLSQLQKQLAAKEAKLRDLEDS LARERDTSRLLAEKEREMAEMRARMQQQLDEYQELLDIKLALDMEIHAYRKLLEGEEERLRLSP SPTSQRSRGRASSHSSQTQGGGSVTKKRKLESTESRSSFSQHARTSGRVAVEEVDEEGKFVRL RNKSNEDQSMGNWQIKRQNGDDPLLTYRFPPKFTLKAGQVVTWAAGAGATHSPPTDLVWKAQ NTWGCNSLRTALINSTGEEVAMRKLVRVSVTVVEDEDEDGDDLLHHHHGSHCSSSGDPAEYN LRSRTVLCGTCGQPADKASASGGAQVGGPISSGSSASSVTVTRSYRSVGGSGGGSFGDNLVT RSYLLGNSSPRTQSPQNCSIM
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

LMNA MaxPab polyclonal antibody. Western Blot analysis of LMNA expression in human pancreas.

[Protocol Download](#)

- Western Blot (Cell lysate)

LMNA MaxPab polyclonal antibody. Western Blot analysis of LMNA expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of LMNA expression in transfected 293T cell line ([H00004000-T01](#)) by LMNA MaxPab polyclonal antibody.

Lane 1: LMNA transfected lysate(73.04 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to LMNA on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — LMNA

Entrez GeneID [4000](#)

GeneBank Accession# [NM_170707.1](#)

Protein Accession# [NP_733821.1](#)

Gene Name LMNA

Gene Alias CDCD1, CDDC, CMD1A, CMT2B1, EMD2, FPL, FPLD, HGPS, IDC, LDP1, LFP, LGMD1B, LM N1, LMNC, PRO1

Gene Description lamin A/C

Omim ID [115200](#) [150330](#) [151660](#) [159001](#) [176670](#) [181350](#) [248370](#) [275210](#) [277700](#) [604929](#) [605588](#) [607920](#) [608056](#)

Gene Ontology [Hyperlink](#)

Gene Summary The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. Through alternate splicing, this gene encodes three type A lamin isoforms. Mutations in this gene lead to several diseases: Emery-Dreifuss muscular dystrophy, familial partial lipodystrophy, limb girdle muscular dystrophy, dilated cardiomyopathy, Charcot-Marie-Tooth disease, and Hutchinson-Gilford progeria syndrome. [provided by RefSeq]

Other Designations 70 kDa lamin|OTTHUMP00000015843|OTTHUMP00000015848

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)

Disease

- [Aging](#)
- [Alzheimer disease](#)
- [Arrhythmia](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Calcinosis](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Disorders](#)
- [Charcot-Marie-Tooth Disease](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Coronary Artery Disease](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Failure](#)

- [Hyperglycemia](#)
- [Hyperinsulinism](#)
- [Hyperlipidemias](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Polycystic Ovary Syndrome](#)
- [Syndrome](#)
- [Ventricular Dysfunction](#)