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Datasheet for ABIN390698

anti-Lamin B2 antibody (C-Term)

1 Image

1 Publication

Overview

Quantity:	400 µL
Target:	Lamin B2 (LMNB2)
Binding Specificity:	AA 476-504, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lamin B2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Lamin B2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 476-504 amino acids from the C-terminal region of human Lamin B2.
Clone:	RB19541
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Lamin B2 (LMNB2)
Alternative Name:	Lamin B2 (LMNB2 Products)

Target Details

Background:	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. Lamin B2 is one of the two B type proteins, B2.
Molecular Weight:	69948
Gene ID:	84823
NCBI Accession:	NP_116126
UniProt:	Q03252
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

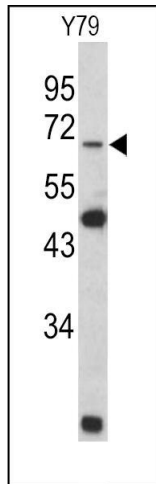
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Xu, Han, Epstein, Liu: "Regulation of PDK mRNA by high fatty acid and glucose in pancreatic islets." in: Biochemical and biophysical research communications , Vol. 344, Issue 3, pp. 827-
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Images



Western Blotting

Image 1. Western blot analysis of Lamin B2 Antibody (C-term) (ABIN390698 and ABIN2840984) in Y79 cell line lysates (35 µg/lane). Lamin B2 (arrow) was detected using the purified Pab.