Datasheet for ABIN7245590

anti-Lamin B1 antibody

3 Images

Go to Product page

Overview

Quantity:	200 µL
Target:	Lamin B1 (LMNB1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lamin B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human LMNB1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	Lamin B1 (LMNB1)
Alternative Name:	LMNB1 (LMNB1 Products)
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

Target Details

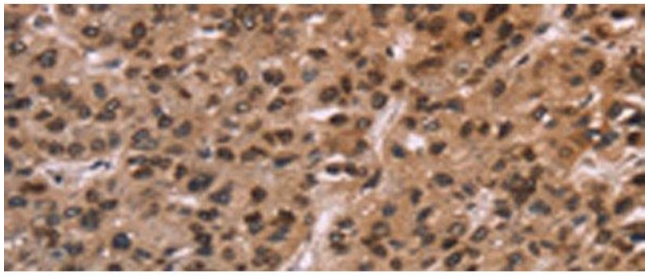
	structure and gene expression. Vertebrate lamins consist of two types, A and B. This gene encodes one of the two B type proteins, B1. Alternative splicing results in transcript variants and a duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD).
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 67 kDa
UniProt:	P20700
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB 1:1000-1:5000, IHC 1:100-1:300, ELISA 1:2000-1:10000
Restrictions:	For Research Use only

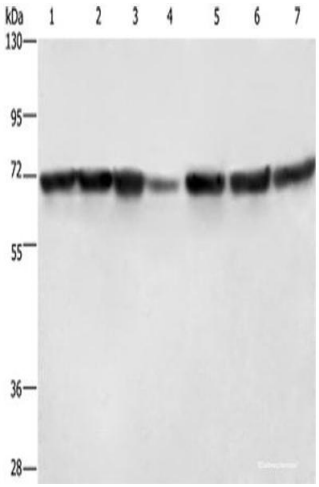
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



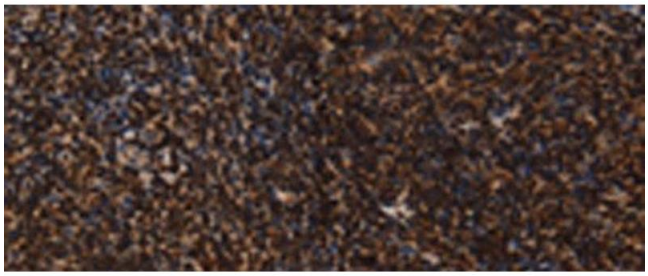
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using LMNB1 Polyclonal Antibody at dilution of 1:60(x200)



Western Blotting

Image 2. Western blot analysis of Hela cells HT29 cells human fetal liver tissue Human testis tissue 231 cells K562 cells human bladder transitional cell carcinoma tissue using LMNB1 Polyclonal Antibody at dilution of 1:750



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human tonsil tissue using LMNB1 Polyclonal Antibody at dilution of 1:60(x200)

