

### Anti-LAP2 alpha antibody ab5162

★★★★★ [1 Abreviews](#) [23 References](#) [2 图像](#)

#### 概述

产品名称	Anti-LAP2 alpha抗体
描述	兔多克隆抗体to LAP2 alpha
宿主	Rabbit
经测试应用	适用于: IP, ICC/IF, WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment (His-tag) corresponding to Human LAP2 alpha aa 188-693.

#### 常规说明

Lamins are type V intermediate filament proteins and are grouped into constitutively expressed B-type lamins and developmentally regulated A-type lamins. Lamin-binding proteins in the nuclear lamina and the nuclear interior include several protein families and/or types of proteins in higher eukaryotes such as the inner nuclear membrane proteins, lamin B receptor, emerin, and MAN1, three isoforms of lamina-associated polypeptide 1 (LAP 1), and several isoforms of LAP 2. Up to six LAP 2 isoforms derive from a single gene by alternative splicing in mammals and various isoforms have been described in Xenopus. The best characterized LAP2 isoforms are the inner nuclear membrane protein LAP 2 beta and the nucleoplasmic protein LAP 2 alpha, which are identical in their N-terminal 187-amino acid constant region but differ in their C termini. While LAP 2 beta binds to B-type lamins at the nuclear periphery and was suggested to regulate nuclear lamina growth, LAP 2 alpha specifically interacts with A-type lamins within the nuclear interior as part of a detergent/salt-resistant nucleoskeletal structure.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

<b>存储溶液</b>	Preservative: 0.1% Sodium azide Constituents: PBS, Whole serum
<b>纯度</b>	Whole antiserum
<b>Primary antibody说明</b>	Lamins are type V intermediate filament proteins and are grouped into constitutively expressed B-type lamins and developmentally regulated A-type lamins. Lamin-binding proteins in the nuclear lamina and the nuclear interior include several protein families and/or types of proteins in higher eukaryotes such as the inner nuclear membrane proteins, lamin B receptor, emerin, and MAN1, three isoforms of lamina-associated polypeptide 1 (LAP 1), and several isoforms of LAP 2. Up to six LAP 2 isoforms derive from a single gene by alternative splicing in mammals and various isoforms have been described in Xenopus. The best characterized LAP2 isoforms are the inner nuclear membrane protein LAP 2 beta and the nucleoplasmic protein LAP 2 alpha, which are identical in their N-terminal 187-amino acid constant region but differ in their C termini. While LAP 2 beta binds to B-type lamins at the nuclear periphery and was suggested to regulate nuclear lamina growth, LAP 2 alpha specifically interacts with A-type lamins within the nuclear interior as part of a detergent/salt-resistant nucleoskeletal structure.
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用 ab5162 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
WB	★★★★★ (1)	1/2500. Detects a band of approximately 83 kDa.

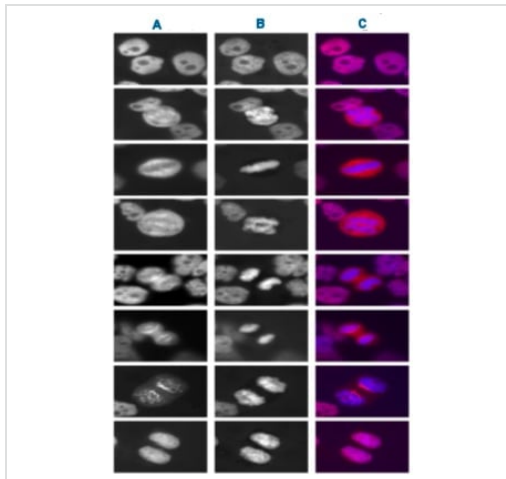
## 靶标

**相关性**

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**细胞定位**      Nuclear

## 图片



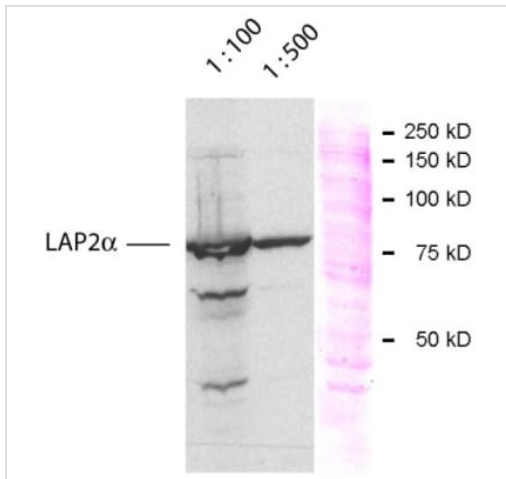
ab5162 at a dilution of 1/250 staining LAP 2 alpha in HeLa cells by immunofluorescence.

A = ab5162, 1/250

B = DNA

C = A and B merged

Immunocytochemistry/ Immunofluorescence - Anti-LAP2 alpha antibody (ab5162)



ab5162 at dilutions of 1/100 and 1/500 staining approximately 83 kDa LAP 2 alpha in HeLa cell extracts by Western blot (ECL).

ab5162 at dilutions of 1/100 and 1/500 staining approximately 83 kDa LAP 2 alpha in HeLa cell extracts by Western blot (ECL).

Western blot - Anti-LAP2 alpha antibody (ab5162)

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