

Anti-Vimentin antibody ab39376

★★★★★ [14 Abreviews](#) [8 References](#) [1 图像](#)

概述

产品名称	Anti-Vimentin抗体
描述	鸡多克隆抗体to Vimentin
宿主	Chicken
经测试应用	适用于: ICC/IF
种属反应性	与反应: Mouse
免疫原	Synthetic peptide corresponding to a region of the Vimentin gene product shared between the mouse (NP_035831, NCBI) and human (NP_003371, NCBI) gene products.
阳性对照	ICC/IF: Mouse brain
常规说明	<p>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.</p> <p>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</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium azide Constituent: PBS
纯度	(10mM isotonic 0.9% w/v), pH 7.2
克隆	免疫原亲和力纯化
同种型	多克隆
	IgY

应用

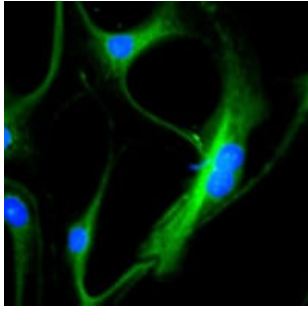
The Abpromise guarantee

Abpromise™承诺保证使用ab39376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
ICC/IF	★★★★★ (5)	1/100 - 1/200.

靶标	
功能	<p>Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally.</p> <p>Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2.</p>
组织特异性	<p>Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.</p>
疾病相关	<p>Cataract 30</p>
序列相似性	<p>Belongs to the intermediate filament family.</p>
结构域	<p>The central alpha-helical coiled-coil rod region mediates elementary homodimerization.</p> <p>The [IL]-x-C-x-x-[DE] motif is a proposed target motif for cysteine S-nitrosylation mediated by the iNOS-S100A8/A9 transnitrosylase complex.</p>
翻译后修饰	<p>Filament disassembly during mitosis is promoted by phosphorylation at Ser-55 as well as by nestin (By similarity). One of the most prominent phosphoproteins in various cells of mesenchymal origin. Phosphorylation is enhanced during cell division, at which time vimentin filaments are significantly reorganized. Phosphorylation by PKN1 inhibits the formation of filaments.</p> <p>Phosphorylated at Ser-56 by CDK5 during neutrophil secretion in the cytoplasm. Phosphorylated by STK33.</p> <p>O-glycosylated during cytokinesis at sites identical or close to phosphorylation sites, this interferes with the phosphorylation status.</p> <p>S-nitrosylation is induced by interferon-gamma and oxidatively-modified low-density lipoprotein (LDL(ox)) possibly implicating the iNOS-S100A8/9 transnitrosylase complex.</p>
细胞定位	<p>Cytoplasm.</p>
形式	<p>Vimentin is found in connective tissue and in the cytoskeleton.</p>
图片	



Cultured dissociated cells from an e13 mouse brain, vimentin (green staining) can be seen forming the cytoskeleton of immature astrocyte progenitor cells. DAPI (blue staining) allows visualization of nuclei.

Immunocytochemistry/ Immunofluorescence - Anti-Vimentin antibody (ab39376)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors