


### Anti-Vimentin antibody ab11256

★★★★★ **4 Abreviews**   **31 References**   画像数 1

#### 製品の概要

製品名	Anti-Vimentin antibody
製品の詳細	Goat polyclonal to Vimentin
由来種	Goat
特異性	No reactivity was observed with the other families of intermediate filaments, including, desmin, keratin, neurofilaments and glial filaments. The antibody localizes vimentin in normal and pathological tissue of mesenchymal derivation. The antibody shows wide cross-reactivity among mammalian species.
アプリケーション	<b>適用あり:</b> IHC-P
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> a wide range of other species 
免疫原	Tissue, cells or virus corresponding to Human Vimentin. Vimentin from cultured human foreskin fibroblasts.
特記事項	<p>If slight turbidity occurs upon prolonged storage, clarify by centrifugation before use. This goat antiserum was maintained at pH 5.0 for 40 minutes to meet U.S.D.A. requirements.</p> <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&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.097% Sodium azide Constituent: Whole serum
精製度	Whole antiserum
特記事項 (精製)	The antiserum has been treated to remove lipoproteins.

ポリ/モノ  
アイソタイプ

ポリクローナル  
IgG

## アプリケーション

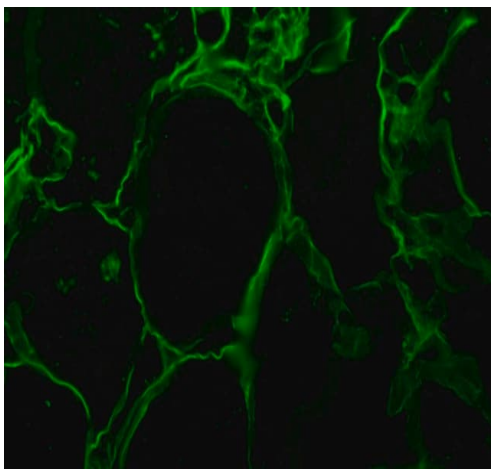
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アプリケーション	Abreviews	特記事項
IHC-P	★☆☆☆☆ (1)	1/20.

## ターゲット情報

機能	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. Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2.
組織特異性	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.
関連疾患	Cataract 30
配列類似性	Belongs to the intermediate filament family.
ドメイン	The central alpha-helical coiled-coil rod region mediates elementary homodimerization. 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.
翻訳後修飾	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. Phosphorylated at Ser-56 by CDK5 during neutrophil secretion in the cytoplasm. Phosphorylated by STK33. O-glycosylated during cytokinesis at sites identical or close to phosphorylation sites, this interferes with the phosphorylation status. S-nitrosylation is induced by interferon-gamma and oxidatively-modified low-density lipoprotein (LDL(ox)) possibly implicating the iNOS-S100A8/9 transnitrosylase complex.
細胞内局在	Cytoplasm.
製品の状態	Vimentin is found in connective tissue and in the cytoskeleton.

## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Vimentin antibody (ab11256)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of 0.1% trypsin treated human skin tissue labelling Vimentin with ab11256 at 1/20 dilution. FITC-conjugated rabbit anti-goat IgG (whole molecule) was used as the secondary antibody (1/20 dilution).

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