


### Anti-Visfatin antibody ab24149

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#### 製品の概要

製品名	Anti-Visfatin antibody
製品の詳細	Rabbit polyclonal to Visfatin
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ICC/IF, WB
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Pig 
免疫原	Synthetic peptide: SFDEIRKNAQ LNIELEAAHH , corresponding to C terminal amino acids 472-491 of Human PBEF. <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
ポジティブ・コントロール	WB: U-87 MG, PC3, A431, HCT 116, Jurkat, Human adipose tissue ICC: U-87 MG
特記事項	<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. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.05% Sodium azide Constituents: PBS, 0.1% BSA
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

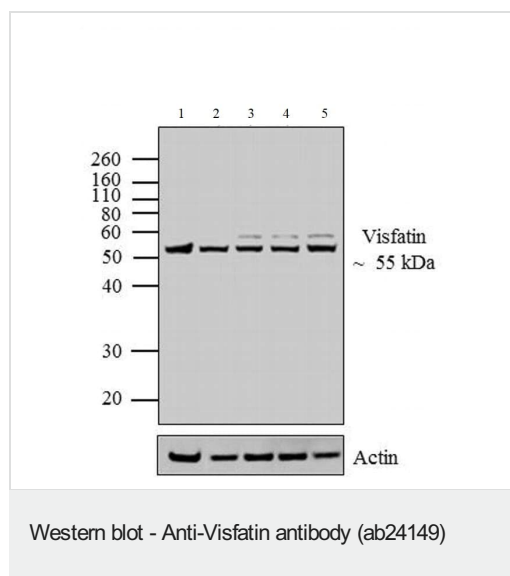
**The Abpromise guarantee** Abpromise保証は、 次のテスト済みアプリケーションにおけるab24149の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 1 µg/ml.
WB		1/500. Detects a band of approximately 52 kDa.

## ターゲット情報

<b>機能</b>	Catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD. It is the rate limiting component in the mammalian NAD biosynthesis pathway.
<b>組織特異性</b>	Expressed in large amounts in bone marrow, liver tissue, and muscle. Also present in heart, placenta, lung, and kidney tissues.
<b>パスウェイ</b>	Cofactor biosynthesis; NAD(+) biosynthesis; nicotinamide D-ribonucleotide from 5-phospho-alpha-D-ribose 1-diphosphate and nicotinamide: step 1/1.
<b>配列類似性</b>	Belongs to the NAPRTase family.
<b>細胞内局在</b>	Cytoplasm.

## 画像



**All lanes :** Anti-Visfatin antibody (ab24149) at 1/250 dilution

**Lane 1 :** U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) whole cell lysate with skimmed milk

**Lane 2 :** PC3 (Human prostate adenocarcinoma cell line) whole cell lysate with skimmed milk

**Lane 3 :** A431 (Human epidermoid carcinoma cell line) whole cell lysate with skimmed milk

**Lane 4 :** HCT 116 (Human colorectal carcinoma cell line) whole cell lysate with skimmed milk

**Lane 5 :** Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate with skimmed milk

Lysates/proteins at 20 µg per lane.

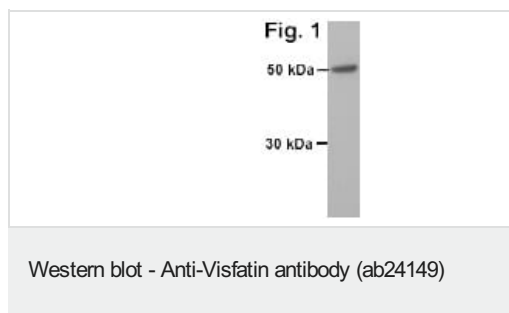
Blocking peptides at 5 % per lane.

### Secondary

**All lanes :** Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate at 1/2500 dilution

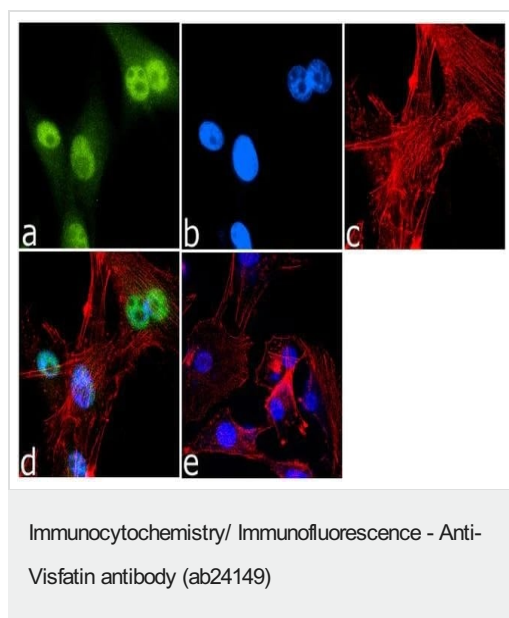
**Additional bands at: ~55 kDa.** We are unsure as to the identity of these extra bands.

Detection: chemiluminescence



Anti-Visfatin antibody (ab24149) + Human adipose tissue lysate

**Observed band size: 52 kDa**



Immunofluorescent analysis of 70% confluent log phase U87MG cells, 4% paraformaldehyde fixed and permeabilized with 0.1% Triton™ X-100, and blocked with 5% BSA for 1 hour at room temperature. ab24149 labeling Visfatin with 1 µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate at 1/2000 dilution for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI. F-actin (Panel c: red) was stained with Alexa Fluor® 555 Rhodamine Phalloidin. Panel d is a merged image showing nuclear localization. Panel e is a no primary antibody control. The images were captured at 60X magnification.

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