

### Anti-Villin antibody ab97512

★★★★★ [1 Abreviews](#) [4 References](#) [画像数 10](#)

#### 製品の概要

製品名	Anti-Villin antibody
製品の詳細	Rabbit polyclonal to Villin
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ICC/IF, WB, IHC-P
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Recombinant fragment, corresponding to a region within amino acids 7-256 of Human Villin (NP_009058).
ポジティブ・コントロール	WB: HepG2 cell lysate, mouse and rat kidney extract. IHC-P: A549 xenograft tissue, mouse duodenum and kidney, rat colon, kidney. IF: HeLa whole cell.
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.00</p> <p>Preservative: 0.025% Proclin 300</p> <p>Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)</p>
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

#### アプリケーション

## 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ab97512の使用に適用されます**

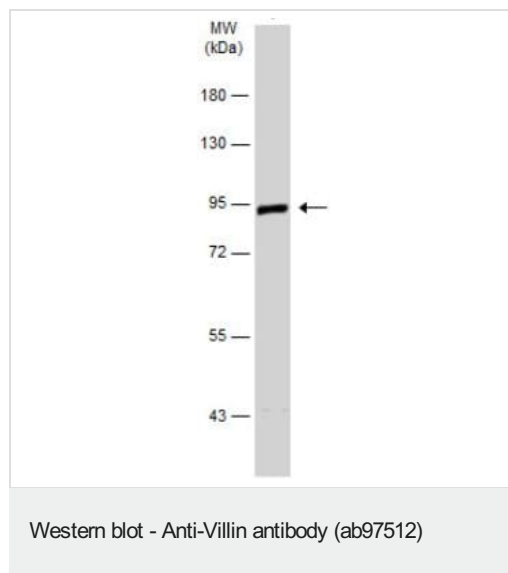
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★★ (1)	1/100 - 1/1000.
WB		1/500 - 1/10000. Predicted molecular weight: 93 kDa.
IHC-P		1/100 - 1/1000.

## ターゲット情報

機能	Ca(2+)-regulated actin-binding protein.
組織特異性	Major component of microvilli of intestinal epithelial cells and kidney proximal tubule cells.
配列類似性	Belongs to the villin/gelsolin family. Contains 6 gelsolin-like repeats. Contains 1 HP (headpiece) domain.
ドメイン	Consists of a large core fragment, the N-terminal portion, and a small headpiece, the C-terminal portion. The headpiece binds F-actin strongly in both the presence and absence of calcium.
細胞内局在	Cytoplasm > cytoskeleton.

## 画像



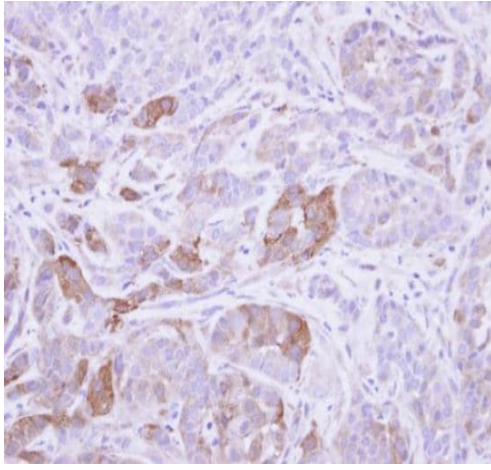
Anti-Villin antibody (ab97512) at 1/2000 dilution + HepG2 (human liver hepatocellular carcinoma cell line) whole cell lysate at 30 µg

### Secondary

HRP-conjugated anti-rabbit IgG antibody

**Predicted band size:** 93 kDa

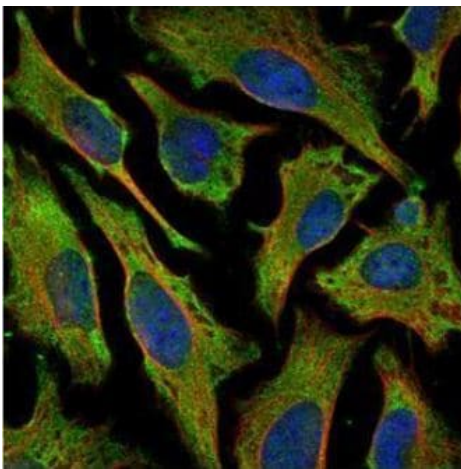
7.5% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Villin antibody (ab97512)

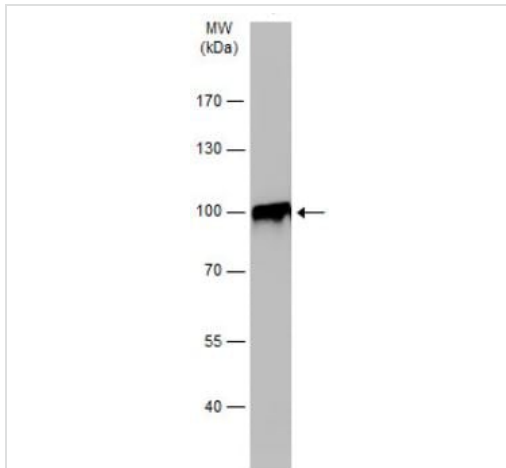
Paraffin-embedded A549 xenograft tissue stained Villin using ab97512 at a 1/500 dilution.

Antigen Retrieval: EDTA based buffer, pH 8.0, 15min.



Immunocytochemistry/ Immunofluorescence - Anti-Villin antibody (ab97512)

Confocal immunofluorescence analysis of methanol-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells labelling Villin with ab97512 (green) at 1/500 dilution. Red: Alpha-tubulin filaments, alpha Tubulin antibody at 1/2000.



Western blot - Anti-Villin antibody (ab97512)

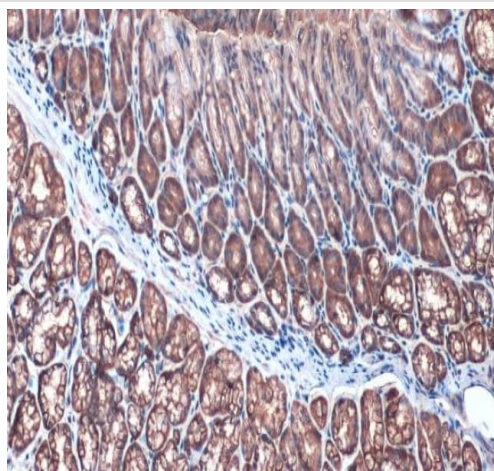
Anti-Villin antibody (ab97512) at 1/1000 dilution + Mouse kidney tissue extract at 50 µg

### Secondary

HRP-conjugated anti-rabbit IgG antibody

**Predicted band size:** 93 kDa

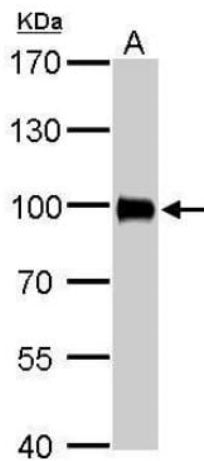
7.5% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Villin antibody (ab97512)

Paraffin-embedded mouse duodenum tissue stained Villin at cytoplasm using ab97512 at 1/500 dilution.

Antigen Retrieval: Citrate buffer, pH 6.0, 15min.



Western blot - Anti-Villin antibody (ab97512)

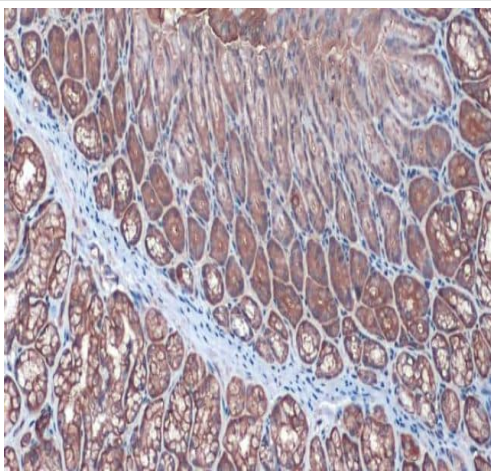
Anti-Villin antibody (ab97512) at 1/2000 dilution + Rat kidney tissue extract at 50 µg

#### Secondary

HRP-conjugated anti-rabbit IgG antibody

**Predicted band size:** 93 kDa

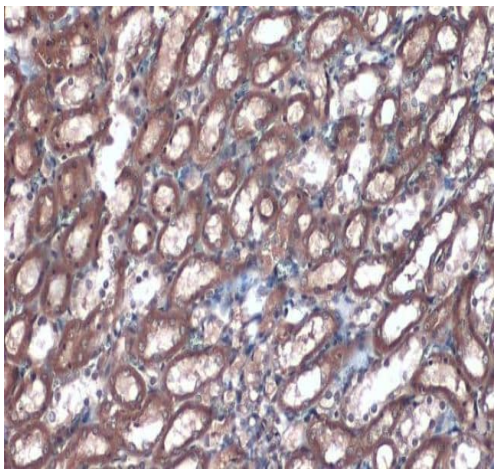
7.5% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Villin antibody (ab97512)

Paraffin-embedded mouse duodenum tissue stained Villin at cytoplasm using ab97512 at 1/500 dilution.

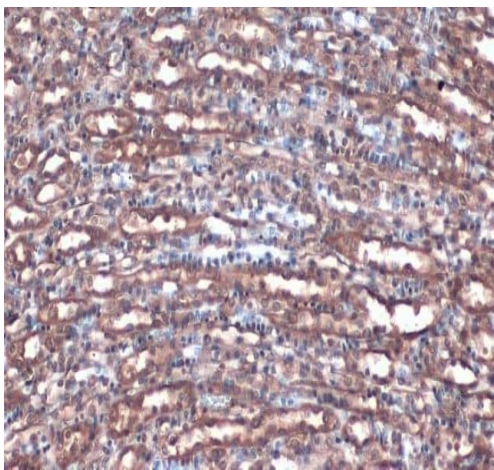
Antigen Retrieval: Citrate buffer, pH 6.0, 15min.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Villin antibody (ab97512)

Paraffin-embedded rat kidney tissue stained Villin at cytoplasm using ab97512 at 1/500 dilution.

Antigen Retrieval: Citrate buffer, pH 6.0, 15min.

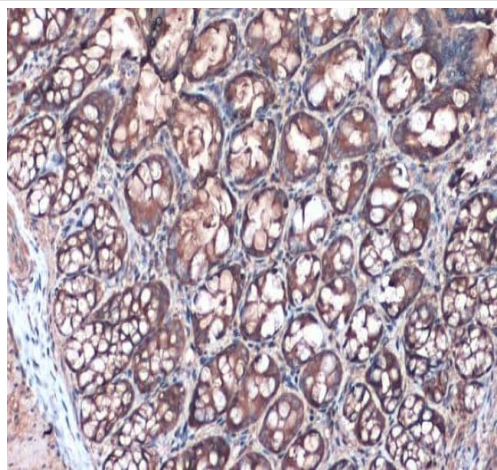


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Villin antibody (ab97512)

Paraffin-embedded mouse kidney tissue stained Villin at cytoplasm using ab97512 at 1/500 dilution.

Antigen Retrieval: Citrate buffer, pH 6.0, 15min.





Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Villin antibody (ab97512)

Paraffin-embedded rat colon tissue stained Villin at cytoplasm using ab97512 at 1/500 dilution.

Antigen Retrieval: Citrate buffer, pH 6.0, 15min.

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

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