

Datasheet for ABIN652347

anti-Vitronectin antibody (N-Term)[Go to Product page](#)**4** Images**1** Publication

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | Vitronectin (VTN) |
| Binding Specificity: | AA 65-93, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Vitronectin antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|---------------|--|
| Immunogen: | This VTN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-93 amino acids from the N-terminal region of human VTN. |
| Clone: | RB17843 |
| Isotype: | IgG |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--------------------------------------|
| Target: | Vitronectin (VTN) |
| Alternative Name: | VTN (VTN Products) |

Target Details

| | |
|-------------------|--|
| Background: | VTN is a member of the pexin family. This protein is found in serum and tissues and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors. The protein is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond. |
| Molecular Weight: | 54306 |
| Gene ID: | 7448 |
| NCBI Accession: | NP_000629 |
| UniProt: | P04004 |
| Pathways: | Autophagy , Smooth Muscle Cell Migration |

Application Details

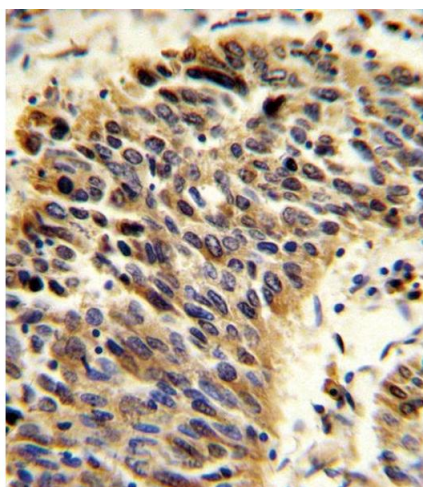
| | |
|--------------------|---|
| Application Notes: | WB: 1:32000. WB: 1:2000. IHC-P: 1:10~50. FC: 1:25 |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |

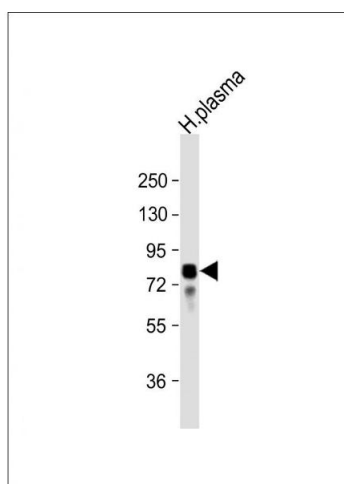
Publications

| | |
|-------------------|---|
| Product cited in: | Lamar, Stern, Liu, Schindler, Jiang, Hynes: "The Hippo pathway target, YAP, promotes metastasis through its TEAD-interaction domain." in: Proceedings of the National Academy of Sciences of the United States of America , Vol. 109, Issue 37, pp. E2441-50, (2012) (PubMed). |
|-------------------|---|



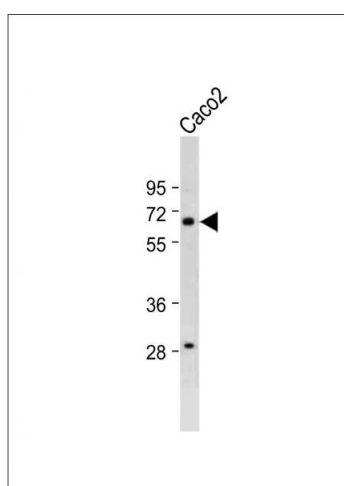
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma reacted with VTN Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-VTN Antibody (N-term) at 1:32000 dilution + human plasma lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Anti-VTN Antibody (N-term) at 1:2000 dilution + Caco2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN652347.