

Datasheet for ABIN2855638  
**anti-Vitronectin antibody**



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3 Images

### Overview

Quantity:	100 µL
Target:	Vitronectin (VTN)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vitronectin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Vitronectin. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to Vitronectin (vitronectin) Vitronectin antibody
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	Vitronectin (VTN)
Alternative Name:	vitronectin ( <a href="#">VTN Products</a> )

## Target Details

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**Background:** The protein encoded by this gene is a member of the pexin family. It 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. It is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond.

Cellular Localization: Secreted , extracellular space

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**Molecular Weight:** 54 kDa

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**Gene ID:** 7448

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**UniProt:** [P04004](#)

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**Pathways:** [Autophagy](#), [Smooth Muscle Cell Migration](#)

## Application Details

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**Application Notes:** WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

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**Comment:** Positive Control: mouse brain  
Validation: Orthogonal

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 0.34 mg/mL

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**Buffer:** 1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300

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**Preservative:** ProClin

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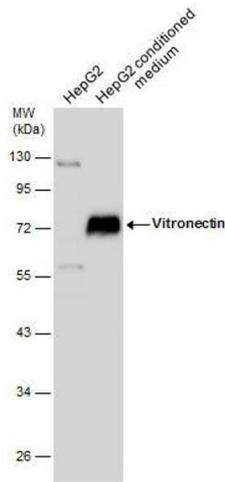
**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** 4 °C,-20 °C

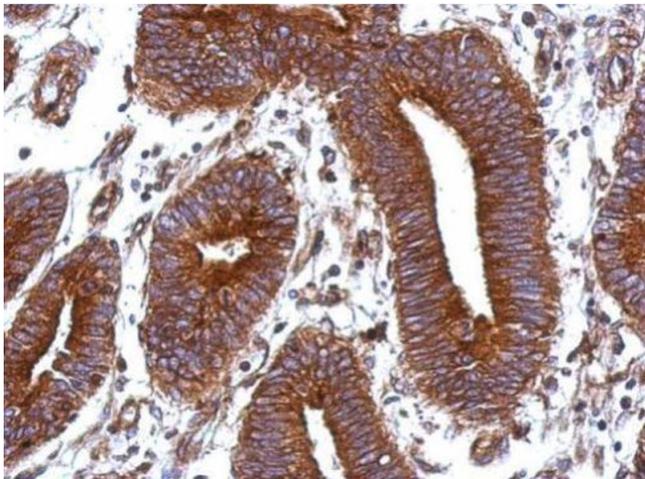
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**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



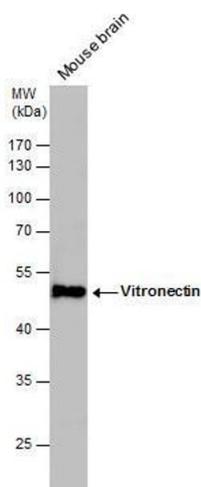
### Western Blotting

**Image 1.** WB Image HepG2 whole cell extract and conditioned medium (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with Vitronectin antibody, diluted at 1:1000.



### Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using Vitronectin, antibody at 1:500 dilution.



### Western Blotting

**Image 3.** WB Image Vitronectin antibody detects Vitronectin protein by western blot analysis. Mouse tissue extracts (50  $\mu$ g) was separated by 10 % SDS-PAGE, and the membrane was blotted with Vitronectin antibody, diluted by 1:1000.