Vitronectin Polyclonal antibody

Catalog Number: 15833-1-AP

Basic Information

**Catalog Number:** 15833-1-AP  
**Size:** 150μl, Concentration: 800 μg/ml by Nanodrop  
**Source:** Rabbit  
**Isotype:** IgG  
**Immunogen Catalog Number:** AG8443  
**GenBank Accession Number:** BC005046  
**GeneID (NCBI):** 7448  
**Full Name:** vitronectin  
**Calculated MW:** 478 aa, 54 kDa  
**Observed MW:** 75 kDa

Purification Method: Antigen affinity purification  
Recommended Dilutions:  
WB: 1:5000-1:50000  
IHC: 1:50-1:500  
IF: 1:50-1:500

Applications

**Tested Applications:** IF, IHC, WB, ELISA  
**Cited Applications:** IF, IHC, WB  
**Species Specificity:** human, mouse, rat  
**Cited Species:** human, pig, Plasmodium falciparum, rat  
**Positive Controls:**  
WB: rat plasma, human testis tissue, NIH/3T3 cells, human plasma  
IHC: human liver tissue, human hepatocirrhosis tissue, human testis tissue  
IF: NIH/3T3 cells

Background Information

Vitronectin is a 75-kDa glycoprotein present in blood and in the extracellular matrix (PMID: 10399314). Vitronectin is a multifunctional glycoprotein that mediates cell-to-substrate adhesion, inhibits the cytolytic action of the terminal complement cascade in vitro and binds to several serine protease inhibitors of the serpin family (PMID: 1372588).

Notable Publications

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<tr>
<th>Author</th>
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<th>Journal</th>
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<tbody>
<tr>
<td>Xianhui Li</td>
<td>28916983</td>
<td>J Mater Sci Mater Med</td>
<td>WB</td>
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<tr>
<td>Yohei Misumi</td>
<td>36094798</td>
<td>Amyloid</td>
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<tr>
<td>Erika M S Hood</td>
<td>36227744</td>
<td>STAR Protoc</td>
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Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:** PBS with 0.02% sodium azide and 50% glycerol pH 7.3  
**Aliquoting is unnecessary for -20°C storage**

*** 20μl sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
rat plasma was subjected to SDS PAGE followed by western blot with 15833-1-AP (Vitronectin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 15833-1-AP (Vitronectin antibody at dilution of 1:200 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 15833-1-AP (Vitronectin antibody at dilution of 1:200 (under 40x lens).

Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using 15833-1-AP (Vitronectin antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).