

For Research Use Only

Vitronectin Polyclonal antibody

Catalog Number: 15833-1-AP

20 Publications



Basic Information

Catalog Number:

15833-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8443

GenBank Accession Number:

BC005046

GeneID (NCBI):

7448

UNIPROT ID:

P04004

Full Name:

vitronectin

Calculated MW:

478 aa, 54 kDa

Observed MW:

70-75 kDa, 65 kDa,

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, pig, plasmodium falciparum

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : rat plasma, human plasma, human testis tissue, NIH/3T3 cells

IHC : human liver tissue, human hepatocirrhosis tissue, human testis tissue

IF/ICC : 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

Author	Pubmed ID	Journal	Application
Xianhui Li	28916983	J Mater Sci Mater Med	WB
Yohei Misumi	36094798	Amyloid	WB
Erika M S Hood	36227744	STAR Protoc	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

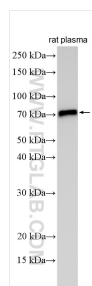
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

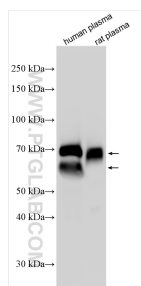
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

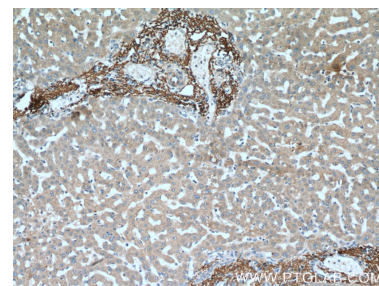
Selected Validation Data



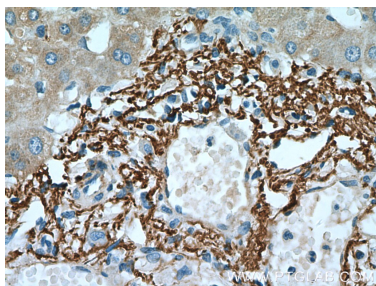
rat plasma was subjected to SDS PAGE followed by western blot with 15833-1-AP (Vitronectin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



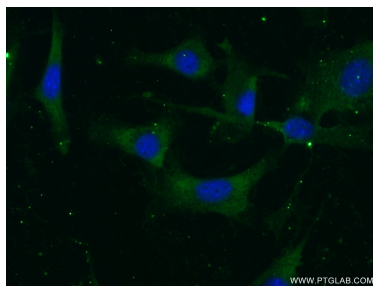
Various lysates were subjected to SDS PAGE followed by western blot with 15833-1-AP (Vitronectin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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 Goat Anti-Rabbit IgG(H+L).