

For Research Use Only

Vitronectin Polyclonal antibody

Catalog Number: 15833-1-AP

14 Publications



Basic Information

Catalog Number: 15833-1-AP	GenBank Accession Number: BC005046	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 7448	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: vitronectin	
Isotype: IgG	Calculated MW: 478 aa, 54 kDa	
Immunogen Catalog Number: AG8443	Observed MW: 75 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, WB	WB : rat plasma, human testis tissue, NIH/3T3 cells, human plasma
Species Specificity: human, mouse, rat	IHC : human liver tissue, human hepatocirrhosis tissue, human testis tissue
Cited Species: human, pig, Plasmodium falciparum, rat	IF : NIH/3T3 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

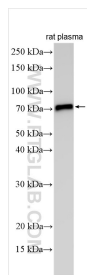
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

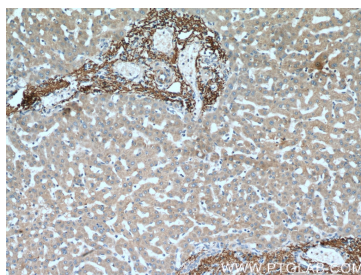
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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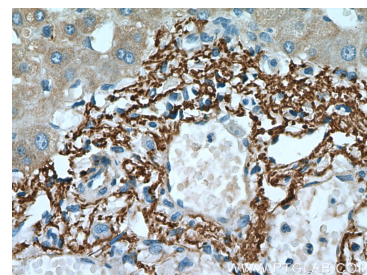
Selected Validation Data



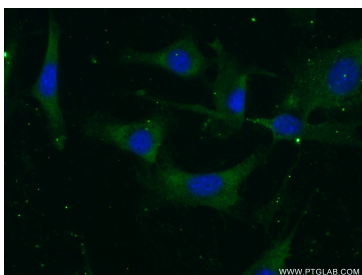
rat plasma was subjected to SDS PAGE followed by western blot with 15833-1-AP (Vitronectin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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).