

For Research Use Only

TINAG-Specific Polyclonal antibody

Catalog Number: 19747-1-AP



Basic Information

Catalog Number: 19747-1-AP	GenBank Accession Number: NM_014464	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 487 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27283	Recommended Dilutions: WB 1:500-1:3000 IHC 1:20-1:200
Source: Rabbit	Full Name: tubulointerstitial nephritis antigen	
Isotype: IgG	Calculated MW: 55 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
human, mouse

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: mouse small intestine tissue, human kidney tissue, human placenta tissue

IHC: human colon tissue,

Background Information

TINAG belongs to the peptidase C1 family. TINAG mediates adhesion of proximal tubule epithelial cells via integrins alpha3-beta1 and alphaV-beta3. It is a non catalytic peptidase C1 family protein. Antibodies against TINAG are found in sera of patients with tubulointerstitial nephritis, a rare autoimmune disorder that causes acute and chronic renal injury. It has 2 isoforms produced by alternative splicing. The antibody is specific to TINAG.

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)

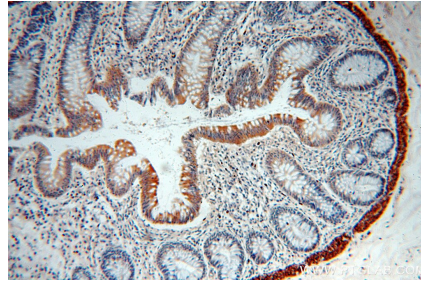
E: proteintech@ptglab.com
W: ptglab.com

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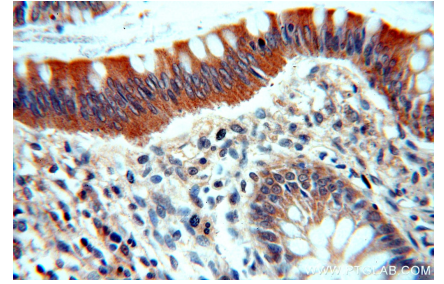
Selected Validation Data



mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 19747-1-AP (TINAG-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon using 19747-1-AP (TINAG-Specific antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon using 19747-1-AP (TINAG-Specific antibody) at dilution of 1:100 (under 40x lens).