





## TINAG rabbit pAb

Catalog No	YP-Ab-12348
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC
Gene Name	TINAG
Protein Name	TINAG
Immunogen	Synthesized peptide derived from human TINAG AA range: 80-130
Specificity	This antibody detects endogenous levels of TINAG at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Secreted, extracellular space, extracellular matrix, basement membrane .
Tissue Specificity	Expressed in the kidney cortex, small intestine and cornea.
Function	developmental stage:Initially observed in the Bowman capsule during early glomerular capillary loop formation in the kidney. In more developmentally mature glomeruli, following transition from early to mid-capillary loop stage, expression is higher in the proximal tubular basement membrane than in the distal basement membrane and Bowman capsule.,disease:Antibodies against TINAG are found in sera of patients with tubulointerstitial nephritis, a rare autoimmune disorder that causes acute and chronic renal injury.,function:Mediates adhesion of proximal tubule epithelial cells via integrins alpha3-beta1 and alphaV-beta3.,PTM:It has been suggested that the active SMB domain may be permitted considerable disulfide bond heterogeneity or variability, thus 2 alternate disulfide patterns based on 3D structures are described with 1 disulfide bond conserved in both.,similarity:Belongs to the peptida
Background	This gene encodes a glycoprotein that is restricted within the kidney to the basement membranes underlying the epithelium of Bowman's capsule and proximal and distal tubules. Autoantibodies against this protein are found in sera



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of patients with tubulointerstital nephritis, membranous nephropathy and anti-glomerular basement membrane nephritis. Ontogeny studies suggest that the expression of this antigen is developmentally regulated in a precise spatial and temporal pattern throughout nephrogenesis. [provided by RefSeq, Nov 2011],

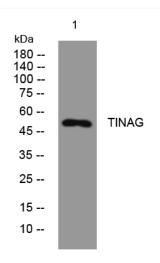
matters needing attention

Avoid repeated freezing and thawing!

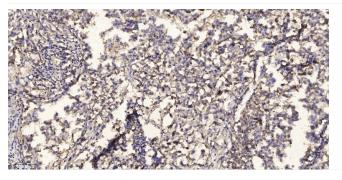
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).