

Anti-Antithrombin III/AT III Rabbit pAb



WL03012

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Antithrombin III/AT III Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:200
	IF	1:200
Cellular localization	Secreted, extracellular space	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Antithrombin III (ATIII) is a plasma protease inhibitor and a member of the serpin superfamily. This protein inhibits thrombin as well as other activated serine proteases of the coagulation system, and it regulates the blood coagulation cascade. Antithrombin III, an extracellular plasma protein, is a crucial serine protease inhibitor that regulates the coagulation cascade in blood. The inhibitory activity of ATIII is amplified in the presence of heparin.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Antithrombin III/AT III.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

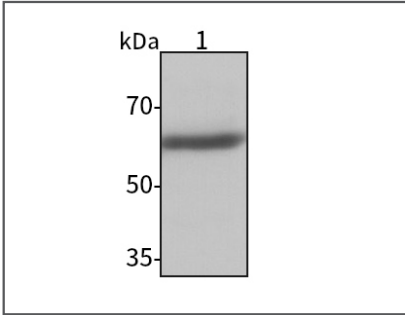
Anti-Antithrombin III/AT III Rabbit pAb



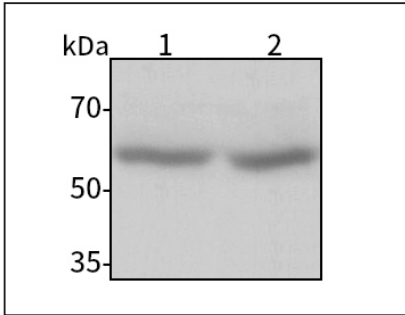
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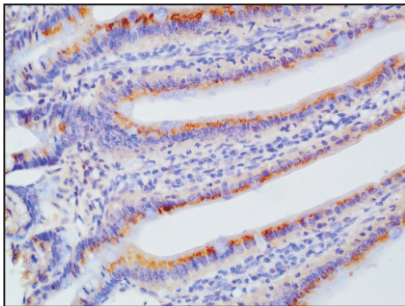
Product Images



Western blot-Anti-Antithrombin III/AT III pAb
Lane 1: Human HEP-G2 cell lysate
All lanes: Anti-Antithrombin III/AT III at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 55 kDa
Observed band size: 50-70 kDa



Western blot-Anti-Antithrombin III/AT III pAb
Lane 1: Mouse liver tissue lysate
Lane 2: Rat liver tissue lysate
All lanes: Anti-Antithrombin III/AT III at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 55 kDa
Observed band size: 50-70kDa



Immunohistochemistry-Anti-Antithrombin III/AT III pAb
Immunohistochemical analysis of paraffin-embedded mouse colon using anti-Antithrombin III/AT III Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

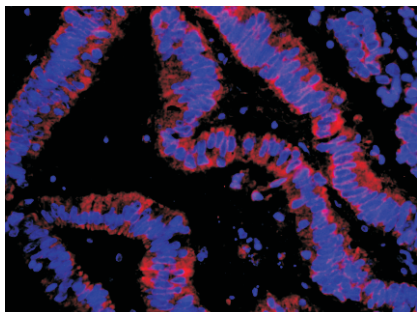
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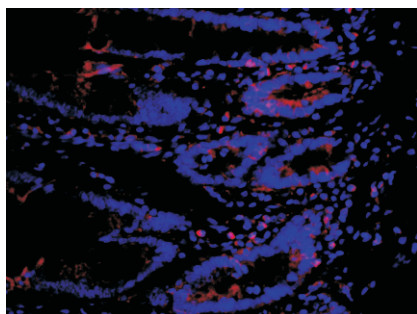
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Immunofluorescence-Anti-Antithrombin III/AT III pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-Antithrombin III/AT III Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Antithrombin III/AT III pAb

Immunofluorescence analysis of paraffin-embedded rat colon using anti-Antithrombin III/AT III Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0