

## Anti-Antithrombin III/AT III Rabbit pAb



WL03012

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

|                              |                                                              |              |
|------------------------------|--------------------------------------------------------------|--------------|
| <b>Product name</b>          | Anti-Antithrombin III/AT III Rabbit pAb                      |              |
| <b>Source</b>                | Rabbit                                                       |              |
| <b>Species reactivity</b>    | Human, Mouse, Rat                                            |              |
| <b>Tested applications</b>   | WB                                                           | 1:500-1:1000 |
|                              | IHC                                                          | 1:200        |
|                              | IF                                                           | 1:200        |
| <b>Cellular localization</b> | Secreted, extracellular space                                |              |
| <b>Pack size</b>             | 50/100/200/500/1000μl                                        |              |
| <b>Storage</b>               | Store at -20°C. <b>Avoid freeze/thaw cycles.</b>             |              |
| <b>Storage buffer</b>        | 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

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Background</b>   | 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. |
| <b>Immunogen</b>    | Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Antithrombin III/AT III.                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purification</b> | Polyclonal antibody was purified by immunogen affinity chromatography.                                                                                                                                                                                                                                                                                                                                                                                                     |

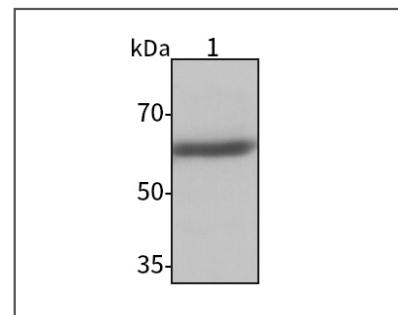
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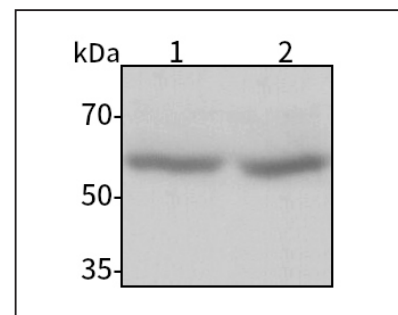
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## Product Images



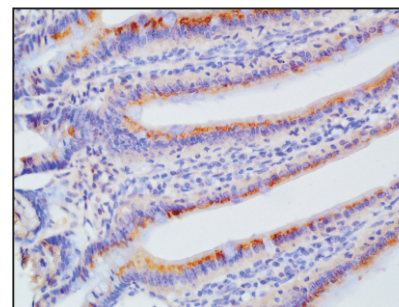
## Western blot-Anti-Antithrombin III/AT III pAb

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: 55 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: 55 kDa



## 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

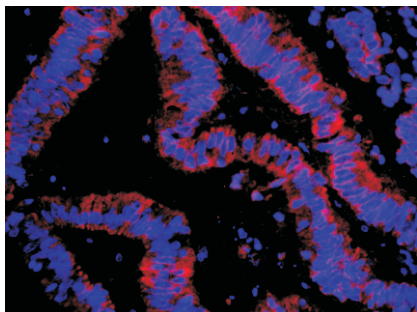
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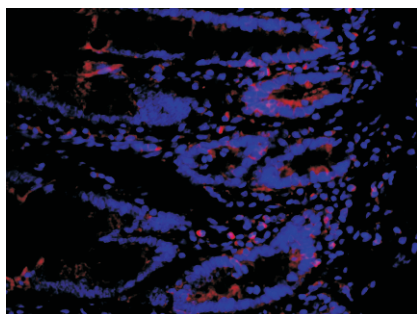
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## Product Information



### 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