

## Anti-P-STAT1 (Y701) Rabbit pAb



WL05288

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-P-P-STAT1 (Y701) Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:1000-1:2000
	IHC	1:500
	IF	1:500
<b>Cellular localization</b>	Cytoplasm. Nucleus	

**Pack size** 50/100/200/500/1000 $\mu$ l

**Storage** Store at -20°C. **Avoid freeze/thaw cycles.**

**Storage buffer** Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100  $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide

## General Information

**Background** STAT1 is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators.

**Immunogen** Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P-STAT1 (Y701) .

**Purification** Polyclonal antibody was purified by Protein A affinity chromatography.

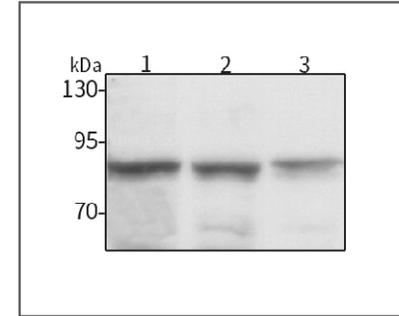
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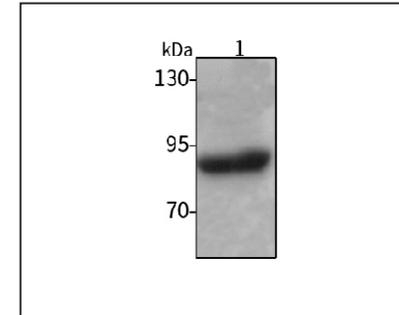
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## Product Images



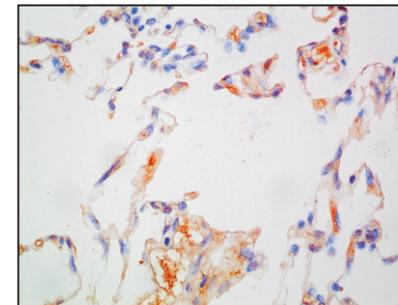
Western blot-Anti-P-STAT1 (Y701) pAb

Lane 1: Human HeLa cell lysate  
 Lane 2: Human HEK-293 cell lysate  
 Lane 3: Human HCT116 cell lysate  
 All lanes: Anti-P-STAT1 (Y701) at 1:1000 dilution  
 Lysates/proteins at 20-50  $\mu$ g per lane.  
 Predicted band size: 91 kDa  
 Observed band size: 91 kDa



Western blot-Anti-P-STAT1 (Y701) pAb

Lane 1: Rat lung tissue lysate  
 All lanes: Anti-P-STAT1 (Y701) at 1:1000 dilution  
 Lysates/proteins at 20-50  $\mu$ g per lane.  
 Predicted band size: 91 kDa  
 Observed band size: 91 kDa



Immunohistochemistry-Anti-P-STAT1 (Y701) pAb

Immunohistochemical analysis of paraffin-embedded human lung cancer using anti-P-STAT1 (Y701) Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

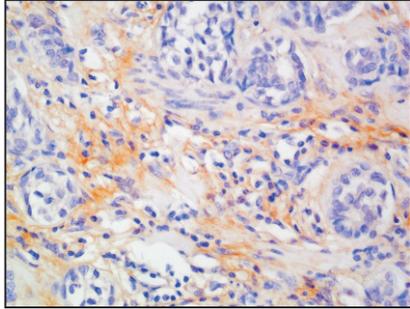
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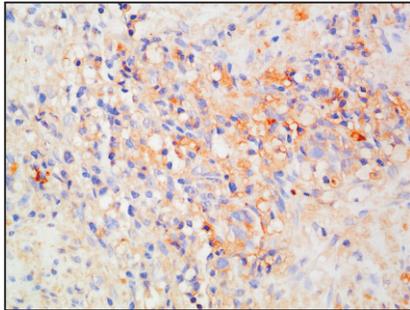
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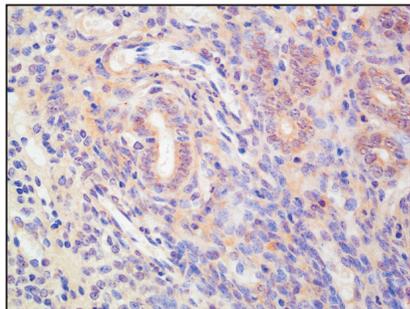
#### Immunohistochemistry-Anti-P-STAT1 (Y701) pAb

Immunohistochemical analysis of paraffin-embedded human breast cancer using anti-P-STAT1 (Y701) Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunohistochemistry-Anti-P-STAT1 (Y701) pAb

Immunohistochemical analysis of paraffin-embedded human oesophageal carcinoma using anti-P-STAT1 (Y701) Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunohistochemistry-Anti-P-STAT1 (Y701) pAb

Immunohistochemical analysis of paraffin-embedded rat uterus using anti-P-STAT1 (Y701) Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

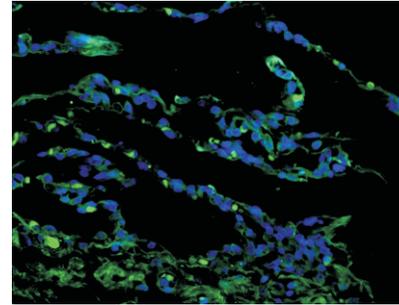
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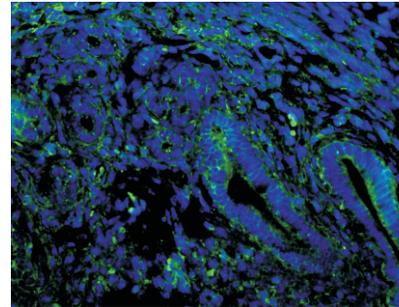
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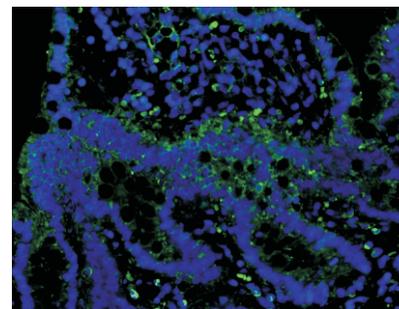
#### Immunofluorescence-Anti-P-STAT1 (Y701) pAb

Immunofluorescence analysis of paraffin-embedded human lung cancer using anti-P-STAT1 (Y701) Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-P-STAT1 (Y701) pAb

Immunofluorescence analysis of paraffin-embedded mouse uterus using anti-P-STAT1 (Y701) Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-P-STAT1 (Y701) pAb

Immunofluorescence analysis of paraffin-embedded rat intestine using anti-P-STAT1 (Y701) Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

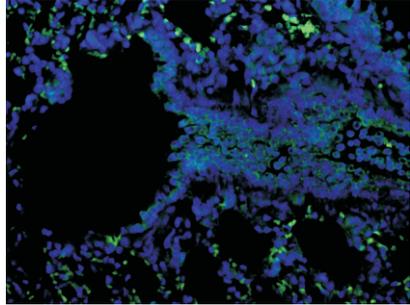
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#### Immunofluorescence-Anti-P-STAT1 (Y701) pAb

Immunofluorescence analysis of paraffin-embedded rat lung using anti-P-STAT1 (Y701) Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0