

Anti-P-Stat5(Tyr694) Rabbit pAb



WL05088

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-P-Stat5(Tyr694) Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	Western blot	1:500-1:1000
	Immunohistochemistry	1:100-1:400

**Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*

Molecular Wt.	92 kDa
	50/100/200/500/1000μl

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

Storage Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide

Storage buffer

General Information

Background Stat5 is activated in response to a wide variety of ligands including IL-2, GM-CSF, growth hormone and prolactin. Phosphorylation at Tyr694 is obligatory for Stat5 activation. This phosphorylation is mediated by Src upon erythropoietin stimulation. Stat5 is constitutively active in some leukemic cell types. Phosphorylated Stat5 is found in some endothelial cells treated with IL-3, which suggests its involvement in angiogenesis and cell motility.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P-Stat5(Tyr694).

Purification Polyclonal antibody was purified by immunogen affinity chromatography.

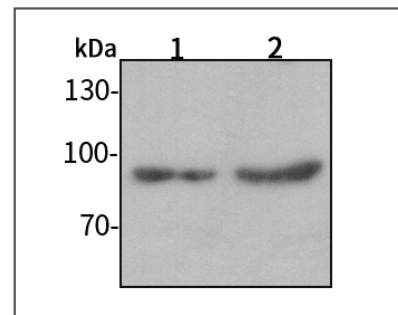
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Product Images



Western blot-Anti-P-Stat5(Tyr694) pAb

Lane 1: Human Hela cell lysate 20μg

Lane 2: Human MCF-7 cell lysate 20μg

Separation gel: 8% polyacrylamide

Electrophoresis: 100V, 4°C, 3h

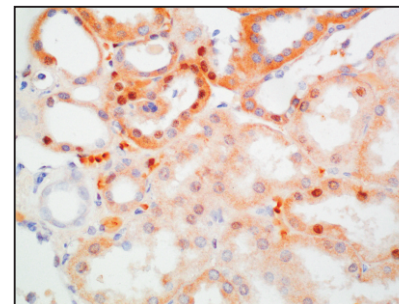
Transmembrane: 100V, 4°C, 1h

Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking

Primary antibody: 1:500 in blocking buffer, 4°C, overnight

Secondary antibody (WLA023a) : 1:5000-1:10000, 45min

Detection: ECL, 30s-2min



Immunohistochemistry-Anti-P-Stat5(Tyr694) pAb

Sample: Human kidney cancer tissue

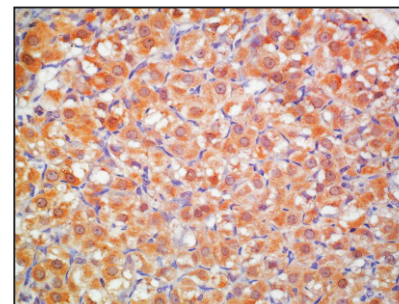
Antigen retrieval: pH 9.0 Tris-EDTA buffer

Primary antibody: 1:200, 4°C, overnight

Secondary antibody-Biotin: 1:150, 37°C, 1h

Streptavidin-HRP: 1:200, 37°C, 30min

Visualization: DAB



Immunohistochemistry-Anti-P-Stat5(Tyr694) pAb

Sample: Rat ovary tissue

Antigen retrieval: pH 9.0 Tris-EDTA buffer

Primary antibody: 1:200, 4°C, overnight

Secondary antibody-Biotin: 1:150, 37°C, 1h

Streptavidin-HRP: 1:200, 37°C, 30min

Visualization: DAB