

STAT6 (Phospho Tyr641) (PT0917R) PT™ Rabbit mAb

CatalogNo: YM8686 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 94kD (Calculated)
110kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:500-1:2000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Basic Information

Clonality Monoclonal

Clone Number PT0917R

Immunogen Information

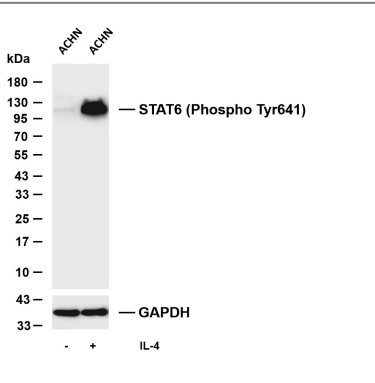
Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Phospho-Stat6 (Y641) Antibody detects endogenous levels of Stat6 protein only when phosphorylated at Y641. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):RGyVP

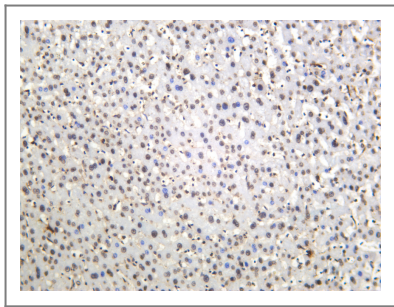
Target Information

Gene name	STAT6		
Protein Name	Signal transducer and activator of transcription 6		
	Organism	Gene ID	UniProt ID
	Human	6778 ;	P42226 ;
	Mouse	20852 ;	P52633 ;
Cellular Localization	Cytoplasm. Nucleus. Translocated into the nucleus in response to phosphorylation.		
Tissue specificity	Expressed in granulocyte and 201 other cell types ,		
Function	Function:Carries out a dual Function: signal transduction and activation of transcription. Involved in interleukin-4 signalling. ,PTM:Tyrosine phosphorylated following stimulation by IL-4 and IL-3. ,similarity:Belongs to the transcription factor STAT family. ,similarity:Contains 1 SH2 domain. ,subcellular location:Translocated into the nucleus in response to phosphorylation. ,subunit:Forms a homodimer or a heterodimer with a related family member (By similarity) . Interacts with NCOA1 via its C-terminal LXXLL motif. ,		

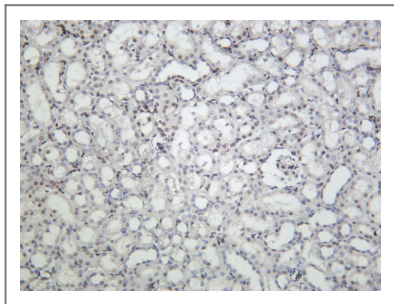
Validation Data



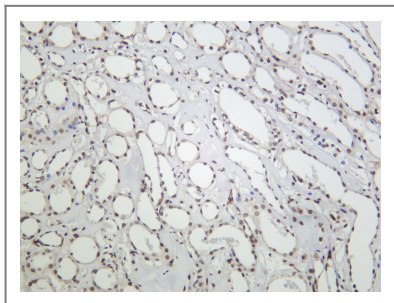
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-STAT6 (Phospho Tyr641) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: ACHN Lane 2: ACHN was treated with IL-4 (100ng/ml) for 30 minutes Predicted band size: 94kDa Observed band size: 110kDa



Human liver was stained with anti-STAT6 (Phospho Tyr641) Rabbit antibody



Mouse kidney was stained with anti-STAT6 (Phospho Tyr641) Rabbit antibody



Rat kidney was stained with anti-STAT6 (Phospho Tyr641) Rabbit antibody

| Contact information

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Please scan the QR code
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product information:
**STAT6 (Phospho
Tyr641) (PT0917R)
PT™ Rabbit mAb**

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