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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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

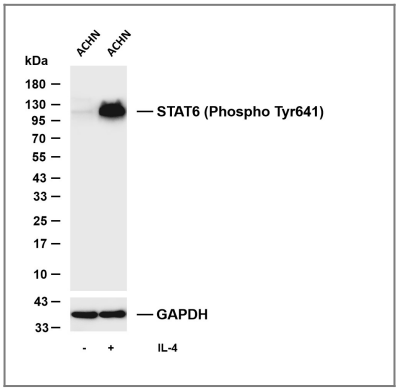
Organism	Gene ID	UniProt ID
Human	6778;	P42226;
Mouse	20852;	P52633;

Cellular Localization Cytoplasm. Nucleus. Translocated into the nucleus in response to phosphorylation.

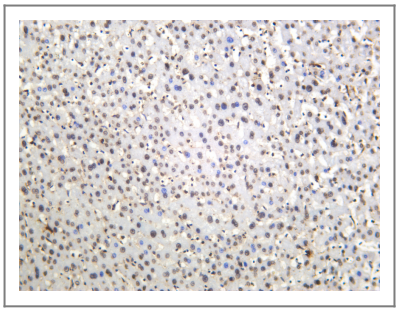
Tissue specificity Expressed in granulocyte and 201 other cell types ,

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. ,

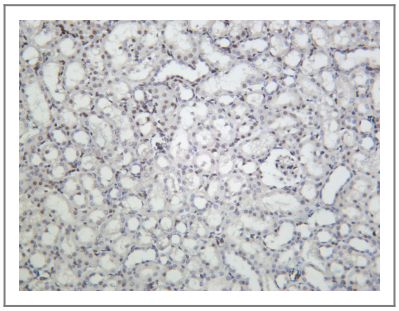
Validation Data



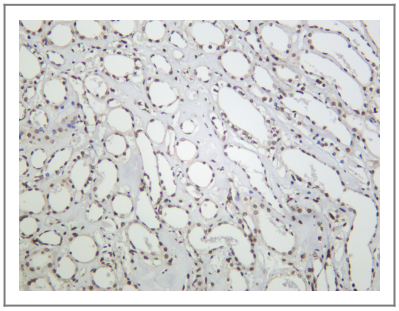
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-STAT6 (Phospho Tyr641) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: ACHN Lane 2: ACHN was treated with IL-4 (100ng/ml) for 30 minutes Predicted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



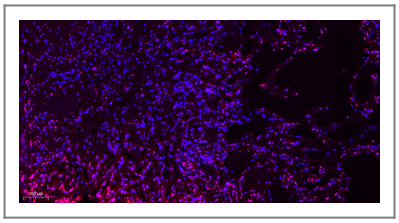
Human liver was stained with anti-STAT6 (Phospho Tyr641) Rabbit antibody



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



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



Fluorescence multiplex immunohistochemical analysis of Human kidney

Contact information

Orders:	order@immunoway.com
Support:	tech@immunoway.com
Telephone:	877-594-3616 (Toll Free), 408-747-0185
Website:	http://www.immunoway.com
Address:	2200 Ringwood Ave San Jose, CA 95131 USA

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

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