

## STAT5 Rabbit pAb

CatalogNo: YT4453

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 91kD (Observed)

#### Isotype

- IgG

### | Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**ELISA 1:10000**

**IF 1:50-200**

### | Storage

#### Storage\*

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

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

#### Clonality

Polyclonal

### | Immunogen Information

#### Immunogen

The antiserum was produced against synthesized peptide derived from human STAT5A. AA range: 666-715

#### Specificity

STAT5 Polyclonal Antibody detects endogenous levels of STAT5 protein.

### | Target Information

**Gene name** STAT5A/STAT5B

**Protein Name** Signal transducer and activator of transcription 5A/B

Organism	Gene ID	UniProt ID
Human	<a href="#">6776</a> ; <a href="#">6777</a> ;	<a href="#">P42229</a> ; <a href="#">P51692</a> ;
Mouse	<a href="#">20850</a> ; <a href="#">20851</a> ;	
Rat	<a href="#">24918</a> ; <a href="#">25126</a> ;	<a href="#">Q62771</a> ; <a href="#">P52632</a> ;

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

**Tissue specificity** Brain,Cervix,Epithelium,Lung,Placenta,Synovial memb

**Function** Function:Carries out a dual Function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription.,online information:STAT5 entry,PTM:Tyrosine phosphorylated in response to IL-2, IL-3, IL-7, IL-15, GM-CSF, growth hormone, prolactin, erythropoietin and thrombopoietin. Tyrosine phosphorylation is required for DNA-binding activity and dimerization. Serine phosphorylation is also required for maximal transcriptional activity.,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. Binds NR3C1 (By similarity). Interacts with NCOA1 and SOCS7.,

## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**STAT5 Rabbit pAb**

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