

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	6776 ; 6777 ;	P42229 ; P51692 ;
Mouse	20850 ; 20851 ;	
Rat	24918 ; 25126 ;	Q62771 ; P52632 ;

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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