

STAT5B (Phospho Tyr694) Rabbit pAb

CatalogNo: YP1515

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC

MW

- 90kD (Observed)

Isotype

- IgG

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.

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized phospho peptide around human Stat5 (Tyr694)

Specificity This antibody detects endogenous levels of Human Mouse Stat5 (phospho-Tyr694)

Target Information

Gene name STAT5B

Protein Name Signal transducer and activator of transcription 5B (Tyr694)

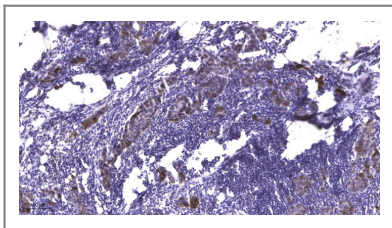
Organism	Gene ID	UniProt ID
Human	6777;	P51692;
Mouse	20851;	P42232;
Rat	25126;	P52632;

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

Tissue specificity Brain,Epithelium,Lymph,Placenta,

Function Disease:Defects in STAT5B are the cause of Laron type dwarfism II (LTD2) [MIM:245590]; also known as Laron syndrome type II or Laron syndrome due to a post-receptor defect. The phenotypic features are consistent with growth hormone deficiency in the presence of normal to elevated circulating concentrations of growth hormone, and resistance to hexogeneous hormone therapy.,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,online information:STAT5B mutation db,PTM:Tyrosine phosphorylated.,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, NMI and SOCS7.,

Validation Data



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

Contact information

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