# Phospho-STAT6 (Tyr641) Rabbit pAb

**db20436** **Package : 20μL 50μL 100μL**

**Product Name :** Phospho-STAT6 (Tyr641) Rabbit pAb
**Cat.No.:** db20436
**Synonyms :** STAT6B; STAT6C; D12S1644; IL-4-STAT
**Application :** WB, FC, IP
**Reactivity :** Human, Mouse, Rat
**Host species :** Rabbit

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| **Background** | The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein plays a central role in exerting IL4 mediated biological responses. It is found to induce the expression of BCL2L1/BCL-X(L), which is responsible for the anti-apoptotic activity of IL4. Knockout studies in mice suggested the roles of this gene in differentiation of T helper 2 (Th2) cells, expression of cell surface markers, and class switch of immunoglobulins. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010] |
| **Immunogen** | A synthetic phosphopeptide corresponding to residues surrounding Tyr641 of human STAT6 |
| **Gene ID** | 6778 |
| **Swiss Prot** | P42226 |
| **Synonyms** | STAT6B; STAT6C; D12S1644; IL-4-STAT |
| **Reactivity** | Human, Mouse, Rat |
| **Application** | WB, FC, IP |
| **Recommended dilution** | WB: 1:1000<br>FC: 1:50<br>IP: 1:20 |
| **Calculated MW** | 94 kDa |
| **Observed MW** | 110 kDa |
| **Host species** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |

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| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |