

Phospho-STAT6 (Tyr641) Rabbit pAb

db20434

Package : 20µL 50µL 100µL

Product Name : Phospho-STAT6 (Tyr641) Rabbit pAb**Cat.No.:** db20434**Synonyms** : STAT6B; STAT6C; D12S1644; IL-4-STAT**Application** : WB, IHC, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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, IHC, FC, IP

Recommended dilution

WB: 1:1000

IHC: 1:200-2000

FC: 1:200-1:500

IP: 1:20

Calculated MW

94 kDa

Observed MW

110 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
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.