

AP0455

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Phospho-STAT6-T645 Rabbit pAb

Catalog No.: AP0455

Basic Information

Observed MW

Calculated MW

94kDa

Category

Polyclonal Antibody

Applications

Cross-Reactivity

Human

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.

Recommended Dilutions

Immunogen Information

Gene ID

6778

Swiss Prot

P42226

Immunogen

A phospho specific peptide corresponding to residues surrounding T645 of human STAT6

Synonyms

STAT6B; STAT6C; D12S1644; IL-4-STAT; Phospho-STAT6-T645

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

