

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

Synthetic peptide. This information is considered to be commercially sensitive.

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.