

# Phospho-STAT6-T645 Rabbit Polyclonal Antibody



CABP0455

## Product Information

### Size:

50uL, 100uL, 200uL

### Observed MW:

### Calculated MW:

74kDa/81kDa/94kDa

### Applications:

IHC

### Reactivity:

Human

## Antibody Information

### Recommended dilutions:

IHC 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

6778

### Uniprot

P42226

### Synonyms:

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

### Immunogen:

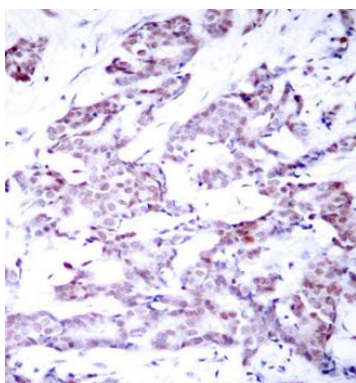
A phospho specific peptide corresponding to residues surrounding T645 of human STAT6

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Immunohistochemistry of paraffin-embedded human breast carcinoma tissue, using Phospho-STAT6-T645 antibody (CABP0455).