

Phospho-STAT6-Y641 Rabbit pAb

Catalog No.: AP0456

4 Publications

Basic Information

Observed MW

110kDa

Calculated MW

94kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

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

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

6778

Swiss Prot

P42226

Immunogen

A synthetic phosphorylated peptide around Y641 of human STAT6 (NP_003144.3).

Synonyms

STAT6B; STAT6C; D12S1644; IL-4-STAT; Phospho-STAT6-Y641

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

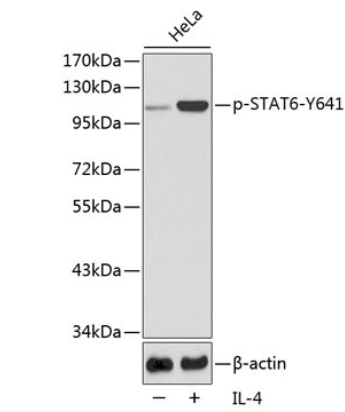
Affinity purification

Storage

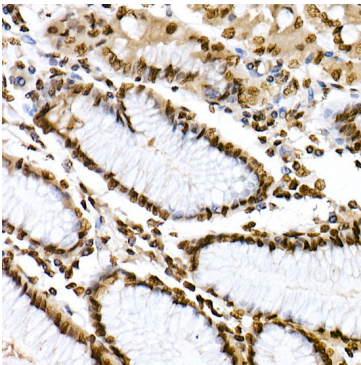
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

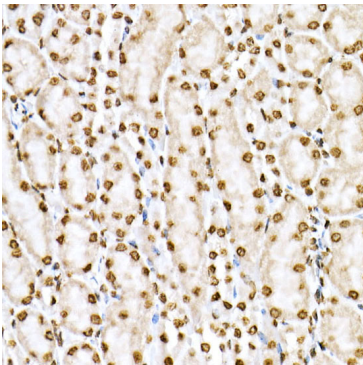
Validation Data



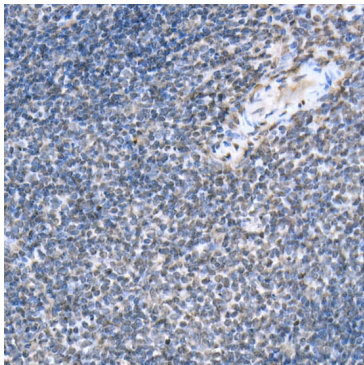
Western blot analysis of extracts from HeLa cells, using Phospho-STAT6-Y641 antibody (AP0456).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.



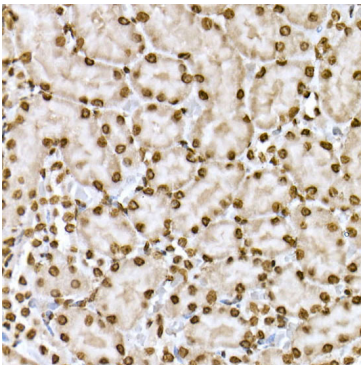
Immunohistochemistry analysis of paraffin-embedded human stomach using Phospho-STAT6-Y641 Rabbit pAb (AP0456) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using Phospho-STAT6-Y641 Rabbit pAb (AP0456) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse spleen using Phospho-STAT6-Y641 Rabbit pAb (AP0456) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat kidney using Phospho-STAT6-Y641 Rabbit pAb (AP0456) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.