

STAT6 polyclonal antibody

Catalog: BS91291

Host: Rabbit

Reactivity: Human

BackGround:

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 STAT6 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. Knock-out studies in mice suggested the roles of this gene in differentiation of T helper 2 (Th2), expression of cell surface markers, and class switch of immunoglobulins.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

94 kDa

Swiss-Prot:

P42226

Purification&Purity:

Peptide affinity purified

Applications:

WB:1:1,000

ICC:1:200

IHC:1:200

FC:1:100-1:200

Storage&Stability:

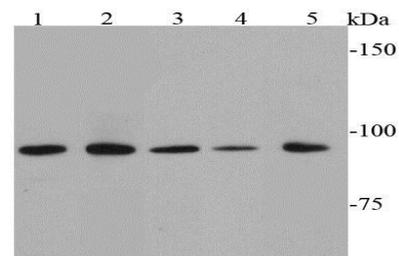
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

STAT6 polyclonal antibody detects endogenous levels of

STAT6 protein.

DATA:



Western blot analysis of STAT6 on different cell lysates using anti-STAT6 antibody at 1/1000 dilution. Positive control:

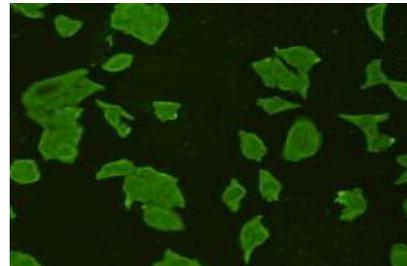
Lane 1: Raji

Lane 2: Daudi

Lane 3: HeLa

Lane 4: Ags

Lane 5: Jurkat



ICC staining STAT6 in HeLa cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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