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STAT6 Rabbit mAb

Catalog # AP76124

Product Information

Application	WB, IP
Primary Accession	P42226
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	94135

Additional Information

Gene ID	6778
Other Names	STAT6
Dilution	WB~~1:500-1:1000 IP~~1:20-1:50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

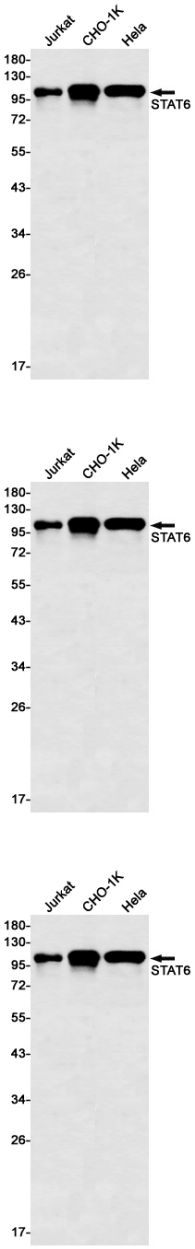
Name	STAT6
Function	Carries out a dual function: signal transduction and activation of transcription. Involved in IL4/interleukin-4- and IL3/interleukin-3-mediated signaling.
Cellular Location	Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

Background

STAT6 protein is a transcription factor activated by cytokines, particularly interleukin 4 and IL 13. (STAT6-/-) were found to be deficient in IL 4 mediated functions including Th2 helper T cell differentiation, expression of cell surface markers, T cell proliferation, immunoglobulin class switching to IgE, and partial loss of IL 4 mediated proliferation. STAT6 mRNA has been detected in peripheral bloodlymphocytes, colon, intestine,

ovary, prostate,thymus, spleen, kidney, liver, lung and placenta. STAT6 is critically involved in Th2 immune response.

Images



Western blot analysis of STAT6 in Jurkat, CHO-K1, Hela lysates using STAT6 antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.