

STAT5A:B rabbit pAb

Catalog No.	IPB14389
Reactivity	Human; Mouse; Rat
Applications	WB
Dilution	WB: 1:500-2000
Gene Name	STAT5A STAT5
Protein Name	STAT5A/B
Human Gene Id	6776
Swiss-Prot	P42229
Formulation	Liquid in PBS containing 50% glycerol, and 0.28% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Cytoplasm Nucleus Translocated into the nucleus in response to phosphorylation
MW	87340
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 is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7, GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL:JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1:BCL-X(L), which suggests the antiapoptotic function of this gene in cells. Alternatively spliced transcript variants have been

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