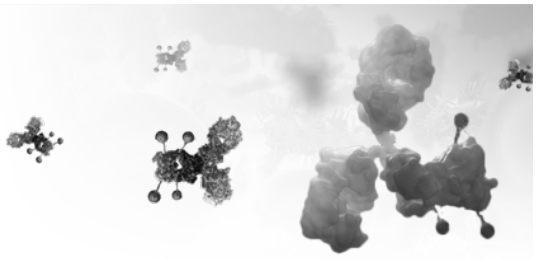

Rabbit Anti-Human STAT5a (Phospho Ser726) Polyclonal antibody (DPABH-18321)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	STAT5A
Immunogen	KLH conjugated Synthesised phosphopeptide derived from human STAT5a around the phosphorylation site of Ser726: AP(p-S)PA
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat, Mouse, Chicken, Dog, Pig, Cow, Rabbit, Sheep
Purification	affinity purified by Protein A
Conjugate	Unconjugated
Applications	IHC-P, IHC-F, IF IHC-P: 1:100-500 IHC-F: 1:100-500 IF: 1:100-500
Format	Liquid
Concentration	1 mg/ml
Size	50 µl, 100 µl, 200 µl
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Preservative	0.02% Proclin300
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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BACKGROUND

Introduction	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 found for this gene.
Keywords	STAT5a (phospho S726); p-STAT5a (phospho S726); STA5A_HUMAN; STAT5A(phospho S726); Mammary gland factor; Mammary gland factor; MGF; MGF; Signal transducer and activator of transcription 5A; Signal transducer and activator of transcription 5A; STAT 5; STAT 5A; STAT5A

GENE INFORMATION

Entrez Gene ID	6776
UniProt ID	P42229

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