

For Research Use Only

Phospho-STAT5A(Ser726)/STAT5B (Ser731) Polyclonal antibody



Catalog Number: 28951-1-AP **2 Publications**

Basic Information

Catalog Number: 28951-1-AP	GenBank Accession Number: BC027036	Purification Method: Antigen affinity purification
Size: 150 µg/ml	GeneID (NCBI): 6776	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: P42229	
Isotype: IgG	Full Name: signal transducer and activator of transcription 5A	
	Calculated MW: 794 aa, 92 kDa	
	Observed MW: 90-95 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : GM-CSF treated TF-1 cells,
Cited Applications: WB	
Species Specificity: Human	
Cited Species: human	

Background Information

STAT5A, also named as STAT5, belongs to the transcription factor STAT family. 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. STAT5A is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different GHs. This antibody can recognize the phosphorylation of STAT5A at Ser726 and the phosphorylation of STAT5B at Ser731.

Notable Publications

Author	Pubmed ID	Journal	Application
Ruonan Li	37934803	Endocrinology	WB
Jin Fan	37663284	PeerJ	WB

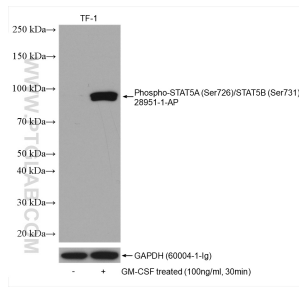
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide, 50% glycerol pH 7.3 and 0.05%BSA.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Non-treated TF-1 and GM-CSF treated TF-1 cells were subjected to SDS PAGE followed by western blot with 28951-1-AP (Phospho-STAT5A(Ser726)/STAT5B (Ser731) antibody) at dilution of 1:2000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.