

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

Size:

100ul, Concentration: 150 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC027036

GeneID (NCBI):

6776

UNIPROT ID:

P42229

Full Name:

signal transducer and activator of transcription 5A

Calculated MW:

794 aa, 92 kDa

Observed MW:

90-95 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : GM-CSF treated TF-1 cells,

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

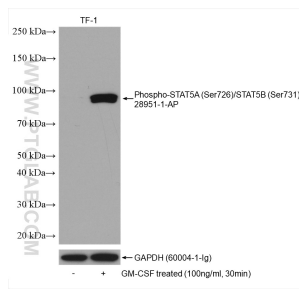
For technical support and original validation data for this product please contact:

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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.