

Nur für Forschungszwecke

# Phospho-STAT5A (Tyr694) Polyklonaler Antikörper



Katalog-Nr.: 28949-1-AP

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 28949-1-AP	<b>GenBank-Zugangsnummer:</b> BC027036	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul, Konzentration: 700 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 6776	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> signal transducer and activator of transcription 5A	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 794 aa, 92 kDa	
	<b>Beobachtete Masse:</b> 92-100 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB: Mit GM-CSF behandelte TF-1-Zellen,
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

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. Phosphorylation at Tyr694 is obligatory for Stat5 activation. Activation of STAT5A in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of human STAT5A is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of STAT5A in cells.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern.  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

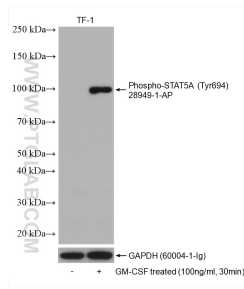
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## Ausgewählte Validierungsdaten



Non-treated TF-1 and GM-CSF treated TF-1 cells were subjected to SDS PAGE followed by western blot with 28949-1-AP (Phospho-STAT5A(Tyr694) antibody) at dilution of 1:1000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.