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**Product Name: Phospho-STAT3 (Tyr705) Rabbit Polyclonal Antibody****Catalog #: APRab00825**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 88 kDa; Observed MW: 88 kDa

**Antigen Information**

<b>Gene Name</b>	STAT3
<b>Alternative Names</b>	STAT3; APRF; Signal transducer and activator of transcription 3; Acute-phase response factor
<b>Gene ID</b>	6774
<b>SwissProt ID</b>	P40763
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human STAT3 around the phosphorylation site of Tyr705. AA range:672-721

**Background**

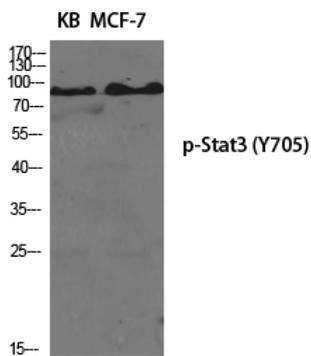
The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT

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.

## Research Area

Signal Transduction

## Image Data



Western blot analysis of Phospho-STAT3 (Tyr705) in various lysates using Phospho-STAT3 (Tyr705) antibody.