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**Product Name: Phospho-STAT6 (Tyr641) Rabbit Polyclonal Antibody****Catalog #: APRab00913**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<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
<b>Molecular Weight</b>	Calculated MW: 94 kDa; Observed MW: 110 kDa

**Antigen Information**

<b>Gene Name</b>	STAT6
<b>Alternative Names</b>	STAT6; Signal transducer and activator of transcription 6; IL-4 Stat
<b>Gene ID</b>	6778
<b>SwissProt ID</b>	P42226
<b>Immunogen</b>	A synthetic Phosphorylated peptide corresponding to residues target protein

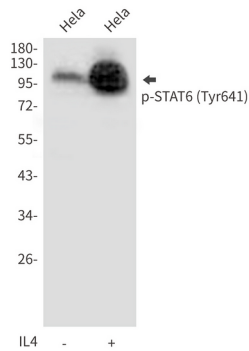
**Background**

STAT6 transcription factor of the STAT family. Plays a central role in IL4-mediated biological responses. Induces the expression of BCL2L1/BCL-X(L), which is responsible for the anti-apoptotic activity of IL4.

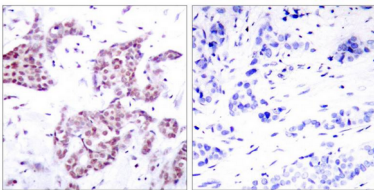
## Research Area

Signal Transduction

## Image Data



Western blot analysis of Phospho-STAT6 (Tyr641) in HeLa lysates using Phospho-STAT6 (Tyr641) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using STAT6(Phospho-Tyr641) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.