

# STAT3 (phospho Tyr705) antibody

**Cat. No. GTX118000**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, FCM
<b>Reactivity</b>	Human, Mouse, Zebrafish

References ( 25 )

★★★★★ Review ( 4 )

Package

100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
FCM	Assay dependent

Not tested in other applications.

**Calculated MW** 88 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr705 of human STAT3. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

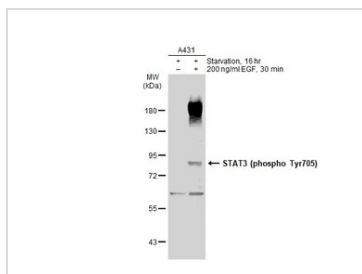


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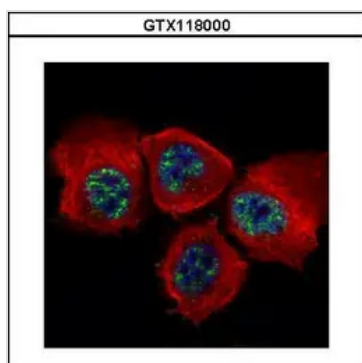
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**Note**

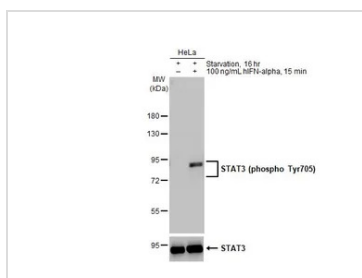
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**DATA IMAGES**

**GTx118000 WB Image**

Untreated (–) and treated (+) A431 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with STAT3 (phospho Tyr705) antibody (GTx118000) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx118000 ICC/IF Image**

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed A431, using STAT3 (Phospho Y705)(GTx118000) antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with GTx11304 (Red) at 1:2000.


**GTx118000 WB Image**

Untreated (–) and treated (+) HeLa whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with STAT3 (phospho Tyr705) antibody (GTx118000) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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