

# STAT3 (phospho Tyr705) antibody [HL1464]

**Cat. No. GTX636938**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB
<b>Reactivity</b>	Human, Rat

**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

Not tested in other applications.

**Observed MW (kDa)** 88 kDa.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<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>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

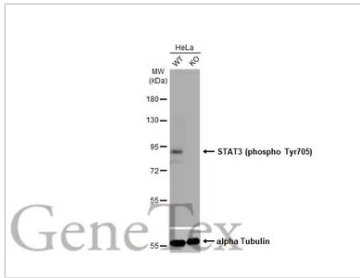
### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

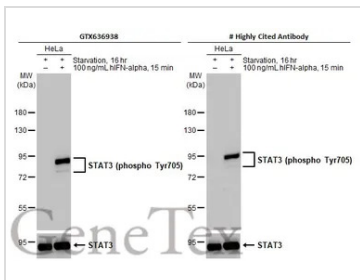
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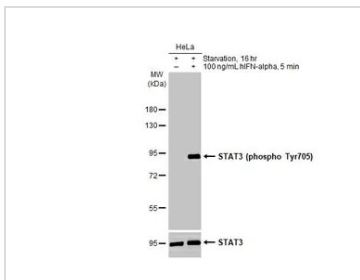
**DATA IMAGES**

**GTX636938 WB Image**

Wild-type (WT) and STAT3 knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with STAT3 (phospho Tyr705) antibody [HL1464] (GTX636938) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

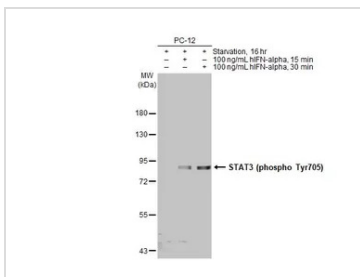

**GTX636938 WB Image**

Untreated (–) and treated (+) HeLa whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with STAT3 (phospho Tyr705) antibody [HL1464] (GTX636938) diluted at 1:1000 and competitor's antibody (# Highly Cited Antibody) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

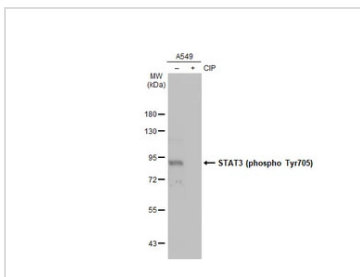
\*The competitor is not affiliated with GeneTex and does not endorse this product.


**GTX636938 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 [HL1464] (GTX636938) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX636938 WB Image**

Untreated (–) and treated (+) PC-12 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with STAT3 (phospho Tyr705) antibody [HL1464] (GTX636938) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


**GTX636938 WB Image**

Untreated (–) and treated (+) A549 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with STAT3 (phospho Tyr705) antibody [HL1464] (GTX636938) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. (CIP: Calf-intestinal alkaline phosphatase)



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