STAT3 (phospho Tyr705) antibody [HL1464]

Cat. No. GTX636938

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Rat

References (1)
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

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr705 of human STAT3. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	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. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

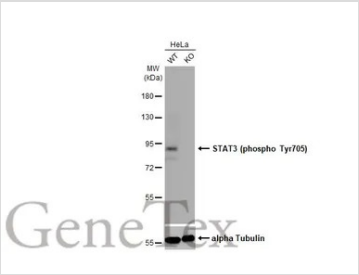
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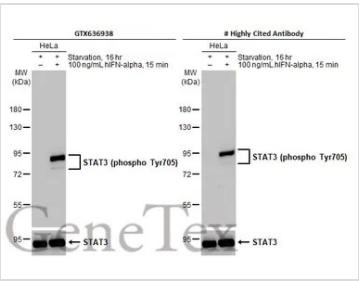
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DATA IMAGES



GTX636938 WB Image

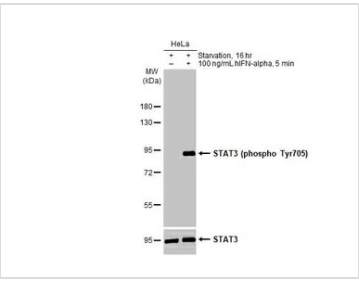
Wild-type (WT) and STAT3 knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with STAT3 (phospho Tyr705) antibody [HL1464] (GTX636938) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody,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



GTX636938 WB Image

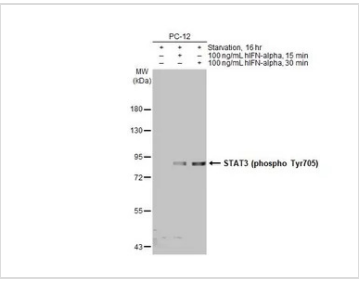
Untreated (–) and treated (+) HeLa whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with STAT3 (phospho Tyr705) antibody [HL1464] (GTX636938) diluted at 1:1000 and competitor's antibody (# Highly Cited Antibody) diluted at 1:1000. The HRP-conjugated anti-rabbit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

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



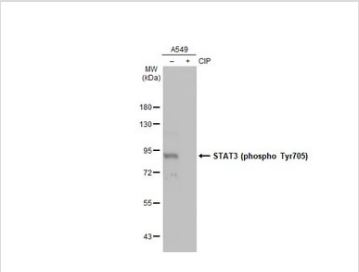
GTX636938 WB Image

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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