

## STAT1 (phospho Tyr701) antibody

Cat. No. GTX50118

|              |              |
|--------------|--------------|
| Host         | Rabbit       |
| Clonality    | Polyclonal   |
| Isotype      | IgG          |
| Applications | WB, IHC-P    |
| Reactivity   | Human, Mouse |

References ( 4 )

Package

100 µl

## Applications

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:1000         |
| IHC-P              | 1:50-1:100           |

Not tested in other applications.

**Calculated MW** 87 kDa. ( [Note](#) )

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | PBS, 0.5% BSA, 50% Glycerol                                                                                                                                                                                                |
| Preservative  | 0.02% Sodium azide                                                                                                                                                                                                         |
| Storage       | 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. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| Immunogen     | Peptide sequence around phosphorylation site of tyrosine 701 (T-G-Y(p)-I-K) derived from human STAT1.                                                                                                                      |
| Purification  | Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.                                                                                      |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

## Note

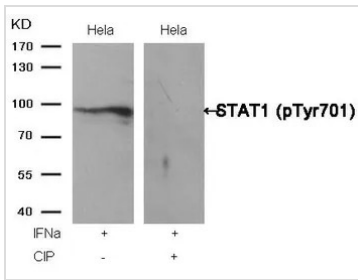
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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.



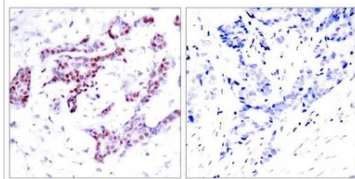
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



**GTX50118 WB Image**

WB analysis of extracts from HeLa cells treated with IFN $\alpha$  or calf intestinal phosphatase (CIP) using GTX50118 STAT1 (phospho Tyr701) antibody.

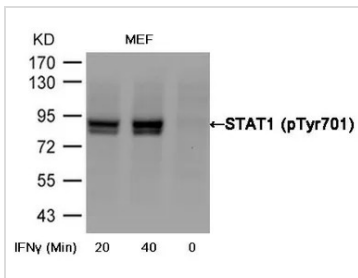


**GTX50118 IHC-P Image**

IHC-P analysis of human breast carcinoma tissue using GTX50118 STAT1 (phospho Tyr701) antibody.

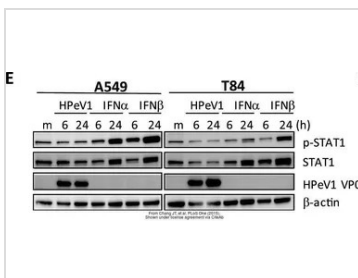
Left : Primary antibody

Right : Primary antibody pre-incubated with the antigen specific peptide



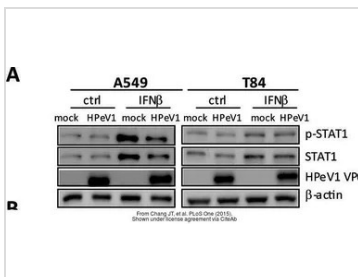
**GTX50118 WB Image**

WB analysis of extracts from MEF cells untreated or treated with interferon- $\gamma$  (IFN $\gamma$ ) using GTX50118 STAT1 (phospho Tyr701) antibody.



**GTX50118 WB Image**

The data was published in the journal PLoS One in 2015. [PMID: 25646764](https://pubmed.ncbi.nlm.nih.gov/25646764/)



**GTX50118 WB Image**

The data was published in the journal PLoS One in 2015. [PMID: 25646764](https://pubmed.ncbi.nlm.nih.gov/25646764/)



For full product information, images and publications, please visit our [website](https://www.genetex.com).