# LYN antibody

## Cat. No. GTX101222

| | |
|---|---|
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Applications** | WB, ICC/IF, IHC-P, IP |
| **Reactivity** | Human, Mouse |

References ( 3 )
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 | 1:100-1:1000 |
| IP | 1:100-1:500 |

Not tested in other applications.

**Calculated MW** 59 kDa. ( Note )

## Properties

| | |
|---|---|
| **Form** | Liquid |
| **Buffer** | PBS, 1% BSA, 20% Glycerol |
| **Preservative** | 0.01% Thimerosal |
| **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** | Recombinant protein encompassing a sequence within the center region of human LYN. The exact sequence is proprietary. |
| **Purification** | Purified by antigen-affinity chromatography. |
| **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.<br><br>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.

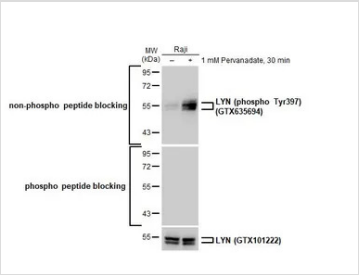


GeneTex, Inc. ( North America )
1-877-436-3839 ( Toll-free ) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation ( Global )
886-3-6208988 886-3-6208989 infoasia@genetex.com

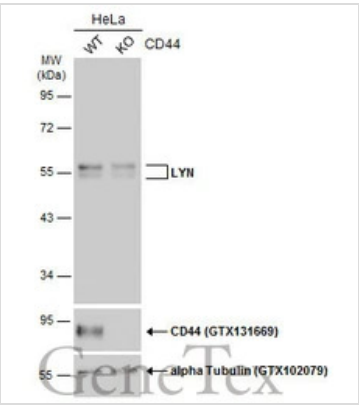
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## DATA IMAGES



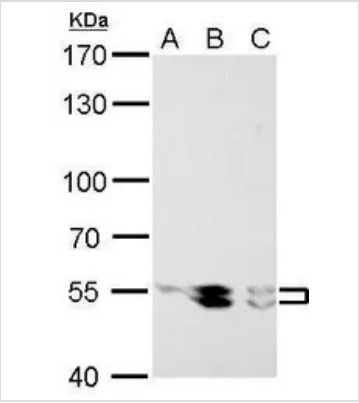

### GTX101222 WB Image

Untreated (–) and treated (+) Raji whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with LYN antibody (GTX101222) 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.



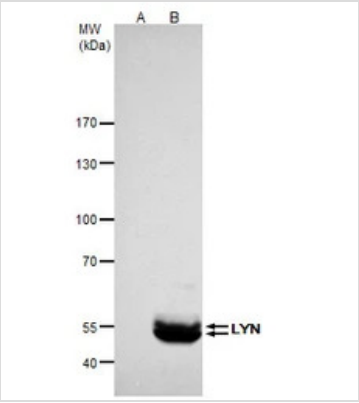

### GTX101222 WB Image

Wild-type (WT) and CD44 knockout (KO) HeLa cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with LYN antibody (GTX101222) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.
The observed effect is based on the publication: PMID: 17599831




### GTX101222 WB Image

LYN antibody detects LYN protein by Western blot analysis.
A. 30 µg Raji whole cell lysate/extract
B. 30 µg K562 whole cell lysate/extract
C. 30 µg Raji whole cell lysate/extract
7.5 % SDS-PAGE
LYN antibody (GTX101222) dilution: 1:1000




### GTX101222 IP Image

LYN antibody immunoprecipitates LYN protein in IP experiments.
IP samples: K562 whole cell extract
A. Control with 4 µg of preimmune Rabbit IgG
B. Immunoprecipitation of LYN protein by 4 µg LYN antibody (GTX101222)
5 % SDS-PAGE
The immunoprecipitated LYN protein was detected by LYN antibody (GTX101222) diluted at 1:500.
[EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent]



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