

## LYN antibody

Cat. No. GTX111584

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IP
Reactivity	Human

Reference ( 2 )

Package

100 µl, 25 µl

## APPLICATION

## 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
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 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	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

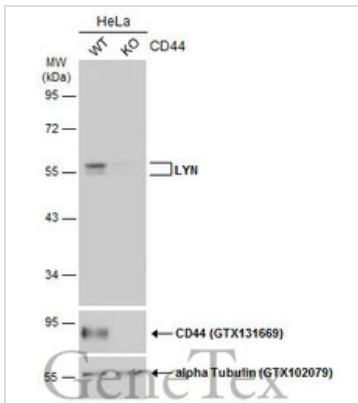
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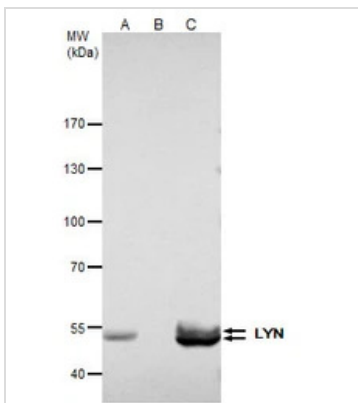
DATA IMAGES



**GTX111584 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 (GTX111584) 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](https://pubmed.ncbi.nlm.nih.gov/17599831/)



**GTX111584 IP Image**

LYN antibody immunoprecipitates LYN protein in IP experiments.

IP samples: K562 whole cell extract

A. 40 µg K562 whole cell extract

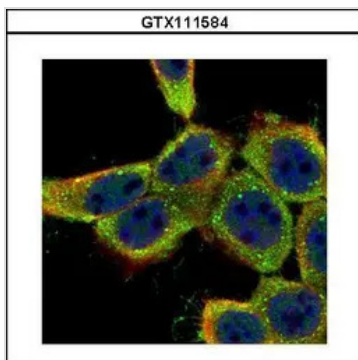
B. Control with 4 µg of preimmune Rabbit IgG

C. Immunoprecipitation of LYN protein by 4 µg LYN antibody (GTX111584)

5 % SDS-PAGE

The immunoprecipitated LYN protein was detected by LYN antibody (GTX111584) diluted at 1:500.

[EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent]



**GTX111584 ICC/IF Image**

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed A431, using LYN(GTX111584) antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with GTX11304 (Red) at 1:2000.



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