

Datasheet for ABIN7452765
anti-LYN antibody (AA 1-50)



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Overview

Quantity:	100 µg
Target:	LYN
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LYN antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-LYN Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Predicted Reactivity:	Rat
Purification:	Affinity Purified

Target Details

Target:	LYN
Alternative Name:	LYN (LYN Products)
Background:	Background: LYN is a tyrosine protein kinase that acts as an effector of EpoR (erythropoietin)

Target Details

receptor) in controlling KIT expression and may play a central role in erythroid differentiation during the switch between proliferation and maturation. LYN acts as the mediator that relays suppressing signals from the chemokine receptor CXCR4 to beta-2 integrin LFA-1 in hematopoietic precursors. It is involved in induction of stress-activated protein kinase (SAPK), but not ERK or p38 MAPK, in response to genotoxic agents. LYN induces SAPK by a MKK7- and MEKK1-dependent mechanism [taken from the Universal Protein Resource (UniProt) P07948].

Gene ID: 4067

NCBI Accession: [NP_002341](#)

UniProt: [P07948](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Hormone Transport](#), [Response to Growth Hormone Stimulus](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [CXCR4-mediated Signaling Events](#), [Thromboxane A2 Receptor Signaling](#), [Integrin Complex](#), [BCR Signaling](#)

Application Details

Application Notes: IP: 5 - 15 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months