

Datasheet for ABIN7271269
anti-LYN antibody (pTyr396)



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1 Image

Overview

Quantity:	100 µL
Target:	LYN
Binding Specificity:	pTyr396
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This LYN antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-Lyn-Y396 Rabbit mAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y396 of human Lyn
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	LYN
Alternative Name:	LYN (LYN Products)

Target Details

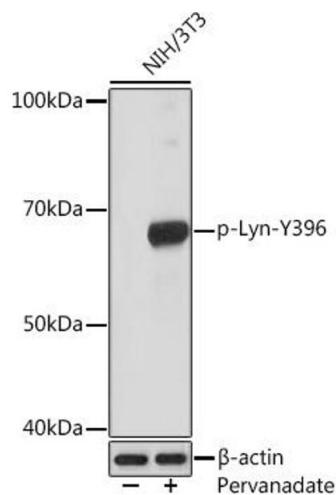
Background:	This gene encodes a tyrosine protein kinase, which maybe involved in the regulation of mast cell degranulation, and erythroid differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011],JTK8, p53Lyn, p56Lyn,B Cell Receptor Signaling Pathway,G protein signaling,G protein signaling_G-Protein-Coupled Receptors Signaling to MAPK/Erk,Immunology & Inflammation,Kinase,Kinase_Tyrosine kinases,PI3K-Akt Signaling Pathway,Protein phosphorylation,Signal Transduction,LYN
Molecular Weight:	56kDa
Gene ID:	4067
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:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of NIH/3T3 cells, using Phospho-Lyn-Y396 Rabbit mAb (ABIN7271269) at 1:1000 dilution. NIH/3T3 cells were treated by pervanadate (1 mM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.