

Datasheet for ABIN6136086
anti-FYN antibody (pSer21)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	FYN
Binding Specificity:	pSer21
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FYN antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic phosphorylated peptide around S21 of human Phospho-Fyn-S21 (NP_002028.1).
Sequence:	DGSLN
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	FYN
Alternative Name:	FYN (FYN Products)

Target Details

Background:	This gene is a member of the protein-tyrosine kinase oncogene family. It encodes a membrane-associated tyrosine kinase that has been implicated in the control of cell growth. The protein associates with the p85 subunit of phosphatidylinositol 3-kinase and interacts with the fyn-binding protein. Alternatively spliced transcript variants encoding distinct isoforms exist.,FYN,SLK,SYN,p59-FYN,Cancer,Signal Transduction,G protein signaling,G2/M DNA Damage Checkpoint,Kinase,Tyrosine kinases,Cell Biology & Developmental Biology,Cell Adhesion,Endocrine & Metabolism,Insulin Receptor Signaling Pathway,Immunology & Inflammation,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,Protein phosphorylation,FYN
Molecular Weight:	54 kDa/60 kDa
Gene ID:	2534
UniProt:	P06241
Pathways:	JAK-STAT Signaling , TCR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Feeding Behaviour , CXCR4-mediated Signaling Events , Signaling Events mediated by VEGFR1 and VEGFR2 , Activated T Cell Proliferation , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

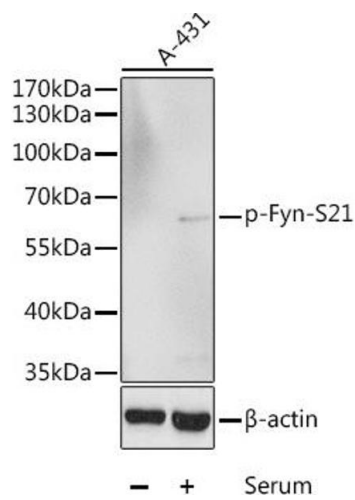
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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.

Publications

Product cited in: Nakanishi, Menju, Nishikawa, Takahashi, Miyata, Shikuma, Sowa, Imamura, Hamaji, Motoyama, Hijiya, Aoyama, Sato, Chen-Yoshikawa, Sonobe, Date: "The synergistic role of ATP-dependent drug efflux pump and focal adhesion signaling pathways in vinorelbine resistance in lung cancer." in: **Cancer medicine**, Vol. 7, Issue 2, pp. 408-419, (2018) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of extracts of A-431 cells, using Phospho-Fyn-S21 antibody (ABIN6135226, ABIN6136086, ABIN6136087 and ABIN6225545) at 1:1000 dilution. HL-60 cells were treated by 10 % FBS 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.