

## Fyn Antibody (F44219)

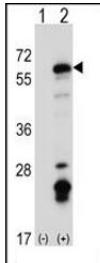
Catalog No.	Formulation	Size
F44219-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44219-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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Availability	1-3 business days
Species Reactivity	Mouse
Predicted Reactivity	Bovine, Human, Pig, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P39688
Applications	Western Blot : 1:1000
Limitations	This Fyn antibody is available for research use only.

72  
55  
36  
28  
17

Fyn antibody western blot analysis in mouse lung tissue lysate. Predicted molecular weight: ~59 kDa.



Western blot analysis of Fyn antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the Fyn gene.

## Description

Implicated in the control of cell growth. Plays a role in the regulation of intracellular calcium levels, with isoform 2 showing the greater ability to mobilize cytoplasmic calcium in comparison to isoform 1. Required in brain development and mature brain function with important roles in the regulation of axon growth, axon guidance, and neurite extension. Blocks axon outgrowth and attraction induced by NTN1 by phosphorylating its receptor DDC.

## Application Notes

Titration of the Fyn antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 507-535 from the mouse protein was used as the immunogen for this Fyn antibody.

## Storage

Aliquot the Fyn antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.