

Datasheet for ABIN3031008
anti-FYN antibody (AA 507-535)



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3 Images

Overview

Quantity:	0.4 mL
Target:	FYN
Binding Specificity:	AA 507-535
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FYN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 507-535 from the mouse protein was used as the immunogen for this Fyn antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Human, Pig, Rat
Purification:	Antigen affinity purified

Target Details

Target:	FYN
Alternative Name:	Fyn (FYN Products)
Background:	Implicated in the control of cell growth. Plays a role in the regulation of intracellular calcium

Target Details

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.

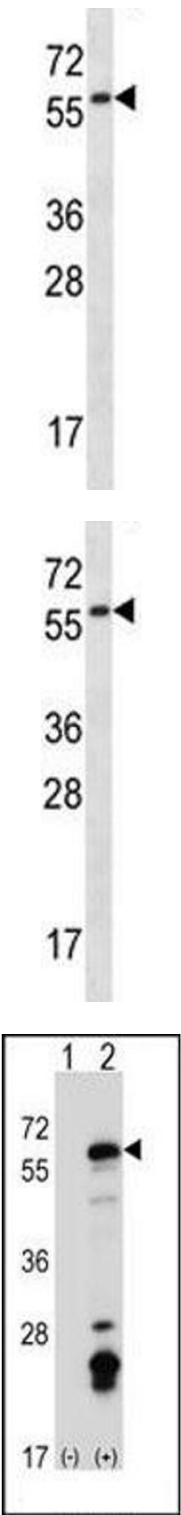
UniProt:	P39688
Pathways:	JAK-STAT Signaling , TCR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Feeding Behaviour , CXCR4-mediated Signaling Events , Signaling Events mediated by VEGFR1 and VEGFR2 , Activated T Cell Proliferation , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Titration of the Fyn antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 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:	-20 °C
Storage Comment:	Aliquot the Fyn antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Fyn antibody western blot analysis in mouse lung tissue lysate. Predicted molecular weight: ~59 kDa.

Western Blotting

Image 2. Fyn antibody western blot analysis in mouse lung tissue lysate. Predicted molecular weight: ~59 kDa.

Western Blotting

Image 3. 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.