

Rabbit Fyn Polyclonal Antibody | anti-Fyn antibody

Mouse Fyn Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284997	Rabbit	Mouse (Predicted Reactivity: Bovine, Human, Pig, Rat)	ELISA, Western Blot

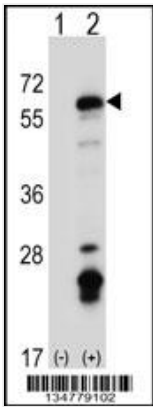
PRODUCT SYNONYMS

Fyn; Polyclonal Antibody; Mouse Fyn Antibody (C-term); Tyrosine-protein kinase Fyn; Proto-oncogene c-Fyn; p59-Fyn; anti-Fyn antibody

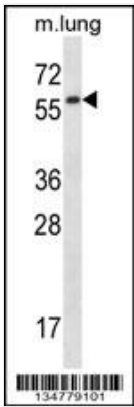
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Bovine, Human, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Fyn antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 507-535 amino acids from the C-terminal region of mouse Fyn.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.33 (varies by lot)
Sequence Positions	507-535
Sequence Length	534
Applicable Applications for anti-Fyn antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of Fyn (arrow) using rabbit polyclonal Mouse Fyn Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Fyn gene.



WB (Western Blot)
Mouse Fyn Antibody (C-term) western blot analysis in mouse lung tissue lysates (35ug/lane). This demonstrates the Fyn antibody detected the Fyn protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Fyn antibody	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.
Product Categories/Family for anti-Fyn antibody	Cancer; Neuroscience; Signal transduction
References	Garcia-Roman, J., et al. Biochem. Biophys. Res. Commun. 401(2):262-267(2010) Cannons, J.L., et al. J. Immunol. 185(5):2819-2827(2010) Zheng, Y., et al. Mol. Cell. Biol. 30(17):4280-4292(2010) Ohnishi, H., et al. J. Neurosci. 30(31):10472-10483(2010) Luo, J., et al. Reprod. Fertil. Dev. 22(6):966-976(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	171543839
NCBI GeneID	14360
NCBI Accession #	NP_001116364.1; NP_001116365.1; NP_032080.2
NCBI GenBank Nucleotide #	NM_001122892.1
UniProt Accession #	P39688; Q3TAT3; Q3U0T5; Q8K2A3
Molecular Weight	60675
NCBI Official Full Name	tyrosine-protein kinase Fyn isoform b
NCBI Official Synonym Full Names	Fyn proto-oncogene
NCBI Official Symbol	Fyn
NCBI Official Synonym Symbols	AI448320; AW552119
NCBI Protein Information	tyrosine-protein kinase Fyn
UniProt Protein Name	Tyrosine-protein kinase Fyn
UniProt Gene Name	Fyn
UniProt Entry Name	FYN_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/fyn-antibody-western-blot-elisa/284997>