

Rabbit FYN Polyclonal Antibody | anti-FYN antibody

FYN Antibody (N-term)

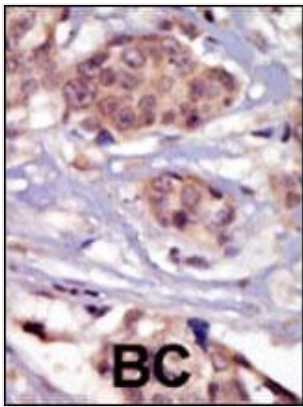
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284780	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken, Rat)	Western Blot, Immunohistochemistry, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

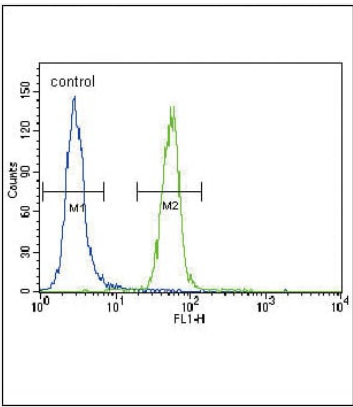
FYN; Polyclonal Antibody; FYN Antibody (N-term); Tyrosine-protein kinase Fyn; Proto-oncogene Syn; Proto-oncogene c-Fyn; Src-like kinase; SLK; p59-Fyn; anti-FYN antibody

PRODUCT SPECIFICATIONS

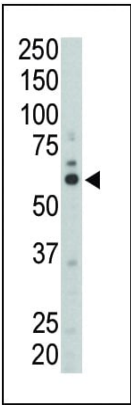
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FYN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-43 amino acids from the N-terminal region of human FYN.
Purity/Purification	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: 0.5 (varies by lot)
Sequence Positions	13-43
Sequence Length	482
Applicable Applications for anti-FYN antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.



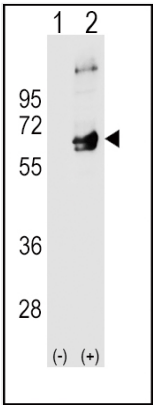
IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



FCM/FACS (Flow Cytometry)
FYN Antibody (N-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of anti-FYN (N-term) Pab in mouse liver tissue lysate. FYN (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



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

ADDITIONAL INFORMATION

Related Product Information for anti-FYN antibody	FYN 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.
Product Categories/Family for anti-FYN antibody	Cancer; Neuroscience; Signal transduction
References	Taniguchi, S., et al., Biochem. Biophys. Res. Commun. 306(1):151-155 (2003). Chan, B., et al., Nat. Cell Biol. 5(2):155-160 (2003). Goldsmith, J.F., et al., Biochem. Biophys. Res. Commun. 298(4):501-504 (2002). Freund, C., et al., EMBO J. 21(22):5985-5995 (2002). Parravicini, V., et al., Nat. Immunol. 3(8):741-748 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503823
NCBI GeneID	2534
NCBI Accession #	NP_002028.1; NP_694592.1; NP_694593.1
NCBI GenBank Nucleotide #	NM_002037.5
UniProt Accession #	P06241; Q16248; Q5R3A6; Q5R3A7; Q8N5D7; B5BU57; E1P557; H0UI48

Molecular Weight	60762
NCBI Official Full Name	tyrosine-protein kinase Fyn isoform a
NCBI Official Synonym Full Names	FYN proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	FYN
NCBI Official Synonym Symbols	SLK; SYN; p59-FYN
NCBI Protein Information	tyrosine-protein kinase Fyn
UniProt Protein Name	Tyrosine-protein kinase Fyn
UniProt Gene Name	FYN
UniProt Synonym Gene Names	SLK
UniProt Entry Name	FYN_HUMAN

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://stage.aaabiotech.com/polyclonal/fyn-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/284780>