



Anti-FYN (full length) polyclonal antibody (DPAB-DC1182)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	FYN (AAH32496, 1 a.a. ~ 482 a.a) full-length recombinant protein with GST tag. The sequence is MGCVQCKDKEATKLTEERDGS LNQSSGYRYGTDPTPQHYP SFGVTSIPNYNNFHAAGGQG LTVFGGVNSSSHTGTLRTRGGTGVTLFVALYDYEARTEDDLSFHKGEKFQILNSSEGDDWW EARS LTTGETGYIPSNYVAPVDSIQAE EWYFGKLGRKDAERQLLSFGNPRGTFLIRESET TKGAYSL SIRDWDDMKGDHVKHYKIRKLDNGGYYITTRAQFETLQQLVQHYS GTWNGNTK VAIKTLKPGTMSPE SFLEEAQIMKKLKHDKLVQLYAVVSEEPYIVTEYMNKGSLLDFLK DGEGRALKLPNLVDMAAQVAAGMAYIERMNYIHRDLRSANILVG NGLICKIADFGLARLI EDNEYTARQGAKFPIKWTAP EAALYGRFTIKSDVWSFGILLTEL V
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FYN FYN proto-oncogene, Src family tyrosine kinase [Homo sapiens (human)]
Official Symbol	FYN
Synonyms	FYN; FYN proto-oncogene, Src family tyrosine kinase; SLK; SYN; p59-FYN; tyrosine-protein kinase Fyn; src-like kinase; proto-oncogene Syn; c-syn protooncogene; proto-oncogene c-Fyn; src/yes-related novel; tyrosine kinase p59fyn(T); FYN oncogene related to SRC, FGR, YES; OKT3-induced calcium influx regulator;
Entrez Gene ID	2534
Protein Refseq	NP_002028
UniProt ID	P06241
Chromosome Location	6q21
Pathway	Adaptive Immune System; Alpha-synuclein signaling; Angiopoietin receptor Tie2-mediated signaling; Axon guidance
Function	ATP binding; CD4 receptor binding; CD8 receptor binding; T cell receptor binding