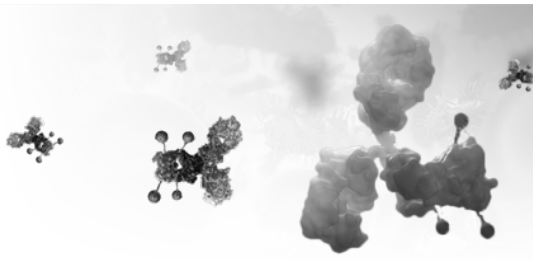

Anti-FGR (aa 1-90) polyclonal antibody (DPAB-DC992)

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 Src family of protein tyrosine kinases (PTKs). The encoded protein contains N-terminal sites for myristylation and palmitylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. The protein localizes to plasma membrane ruffles, and functions as a negative regulator of cell migration and adhesion triggered by the beta-2 integrin signal transduction pathway. Infection with Epstein-Barr virus results in the overexpression of this gene. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Immunogen	FGR (AAH64382, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. The sequence is MGCVFCKKLEPVATAKEDAGLEGDFRSYGAADHYGPDPTKARPASSFAHIPNYSNFSSQA INPGFLDSGTIRGVSGIGVTLFIALYDYEA
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.

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GENE INFORMATION

Gene Name	FGR FGR proto-oncogene, Src family tyrosine kinase [Homo sapiens (human)]
Official Symbol	FGR
Synonyms	FGR; FGR proto-oncogene, Src family tyrosine kinase; SRC2; c-fgr; c-src2; p55-Fgr; p58-Fgr; p55c-fgr; p58c-fgr; tyrosine-protein kinase Fgr; p55-c-fgr protein; c-fgr protooncogene; proto-oncogene c-Fgr; c-src-2 proto-oncogene; proto-oncogene tyrosine-protein kinase FGR; feline Gardner-Rasheed sarcoma viral oncogene homolog; v-fgr feline Gardner-Rasheed sarcoma viral oncogene homolog; Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog;
Entrez Gene ID	2268
Protein Refseq	NP_001036194
UniProt ID	P09769
Chromosome Location	1p36.2-p36.1
Pathway	Alpha-synuclein signaling; Chemokine signaling pathway; EPHA forward signaling; Epstein-Barr virus infection
Function	ATP binding; Fc-gamma receptor I complex binding; immunoglobulin receptor binding; non-membrane spanning protein tyrosine kinase activity

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