



FGR (Phospho-Tyr412) rabbit pAb

Catalog No	YP-Ab-10454
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	FGR SRC2
Immunogen	Synthesized peptide derived from human FGR (Phospho-Tyr412)
Specificity	This antibody detects endogenous levels of FGR (Phospho-Tyr412) at Human, Mouse, Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.107% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	c fgr; c fgr protooncogene; c src 2 proto oncogene; c src2; Fgr; FGR_HUMAN; FLJ43153; Gardner Rasheed feline sarcoma viral (v fgr); Gardner Rasheed feline sarcoma viral (v fgr) oncogene homolog; Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog; MGC7596; p55 c fgr protein; P55 FGR; P55-FGR; p55c fgr; p58-Fgr; p58c fgr; p58c-Fgr; Proto oncogene c Fgr; Proto oncogene tyrosine protein kinase FGR; Proto-oncogene c-Fgr; SRC 2; SRC2; Tyrosine protein kinase Fgr; Tyrosine-protein kinase Fgr; FGR SRC2; FGR (Phospho-Tyr412); Tyrosine-protein kinase Fgr (EC 2.7.10.2) (Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog) (Proto-oncogene c-Fgr) (p55-Fgr) (p58-Fgr) (p58c-Fgr)
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	Cell membrane ; Lipid-anchor ; Cytoplasmic side . Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, ruffle membrane. Cytoplasm, cytosol. Cytoplasm, cytoskeleton. Mitochondrion inner membrane . Mitochondrion intermembrane space . Detected in mitochondrial intermembrane space and at inner membranes (By similarity). Colocalizes with actin fibers at membrane ruffles. Detected at plasma membrane lipid rafts. .
Tissue Specificity	Detected in neutrophils, monocytes and natural killer cells (at protein level). Detected in monocytes and large lymphocytes.



Function

catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,subunit:Bounds PTPNS1.,

Background

This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein contains N-terminal sites for myristylation and palmitoylation, 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. [provided by RefSeq, Jul 2008],

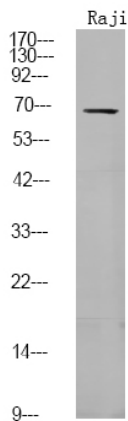
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of Raji using primary antibody at 1:1000 dilution 4°C, overnight. Secondary antibody(catalog#:RS23920) was diluted at 1:10000 25 °C, 1.5hours