

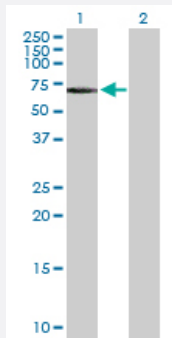
MaxPab®

FGR purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002268-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of FGR expression in transfected 293T cell line ([H00002268-T02](#)) by FGR MaxPab polyclonal antibody.

Lane 1: FGR transfected lysate(59.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human FGR protein.

Immunogen

FGR (NP_005239.1, 1 a.a. ~ 529 a.a) full-length human protein.

Sequence

MGCVFCKKLEPVATAKEDAGLEGDFRSYGAADHYGPDPTKARPASSFAHIPNYSNFSSQAINPG
FLDSGTIRGVSGIGVTLFIALYDYEARTEDDLTFKGEKFHILNNTGEDWWEARSLSSGKTGCIPSN
YVAPVDSIQAEWYFGKIGRKDAERQLLSPGNPQGAFLIRESETTKGAYSLSIRDWDQTRGDHVK
HYKIRKLDMSGYYITTRVQFNSVQELVQHMEVNDGLCNLLIAPCTIMKPQTLGLAKDAWEISRSSIT
LERRLTGTCFGDVWLGTWNGSTKVAVKTLKPGTMSPKAFLEEAQVMKLLRHDKLVLQYAVVSE
EPIYVTEFMCHGSLLDLKNPEGQDLRLPQLVDMAAQVAEGMAYMERMNYHRDLRAANILVGER
LACKIADFGRLARLIKDDYNPCQGSKFPIKWTAPAEALFGRFTIKSDVWSFGILLTELITKGRIPYPG
MNKREVLEQVEQGYHMPCCPGCPASLYEAMEQTWRDLPEERPTFEYLQSFLEDYFTSAEPQYQ
PGDQT

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (84); Rat (85)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — FGR

Entrez GeneID

[2268](#)

GeneBank Accession#

[NM_005248.2](#)

Protein Accession#

[NP_005239.1](#)

Gene Name

FGR

Gene Alias

FLJ43153, MGC75096, SRC2, c-fgr, c-src2, p55c-fgr, p58c-fgr

Gene Description

Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog

Omim ID

[164940](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein contains N-terminal sites for myristylation and palmylation, 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]

Other Designations

OTTHUMP00000003601|OTTHUMP00000003602|OTTHUMP00000003603|c-fgr protooncogene|c-src-2 proto-oncogene|p55-c-fgr protein|proto-oncogene tyrosine-protein kinase FGR

Pathway

- [Chemokine signaling pathway](#)

Disease

- [HIV Infections](#)