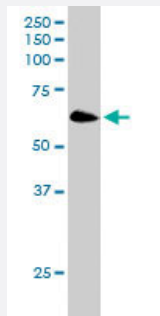


FGR polyclonal antibody

Catalog # PAB6066 Size 100 ug

Applications



Western Blot (Tissue lysate)

FGR polyclonal antibody (Cat # PAB6066) staining (0.5 ug/mL) of mouse spleen extracts (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of FGR.

Immunogen A synthetic peptide corresponding to human FGR.

Sequence C-TSAEPQYQPGDQT

Host Goat

Theoretical MW (kDa) 59.5

Reactivity Mouse

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:1000)
 Western blot (0.5-2 ug/mL)
 The optimal working dilution should be determined by the end user.

| | |
|---------------------|--|
| Storage Buffer | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide) |
| Storage Instruction | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot (Tissue lysate)

FGR polyclonal antibody (Cat # PAB6066) staining (0.5 ug/mL) of mouse spleen extracts (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FGR

| | |
|--------------------|---|
| Entrez GeneID | 2268 |
| Protein Accession# | NP_005239 |
| 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 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] |
|--------------|---|

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

Publication Reference

- [Primary structure of the human fgr proto-oncogene product p55c-fgr.](#)

Katamine S, Notario V, Rao CD, Miki T, Cheah MS, Tronick SR, Robbins KC.

Molecular and Cellular Biology 1988 Jan; 8(1):259.

Application: IP, Monkey, COS-1 cells

Pathway

- [Chemokine signaling pathway](#)

Disease

- [HIV Infections](#)