

FGR Antibody / c-FGR proto oncogene (RQ4410)

| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ4410 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Antigen affinity purified |
| Buffer | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| UniProt | P09769 |
| Applications | Western Blot : 0.5-1ug/ml |
| Limitations | This FGR antibody is available for research use only. |

kDa
 180-
 130-
 95-
 72-
 55-
 43-
 34-
 26-

Western blot testing of human SW579 lysate with FGR antibody at 0.5ug/ml. Predicted molecular weight: ~59 kDa, routinely observed at 55~59 kDa.

17-

Description

Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog, also known as FGR, is a protein which in humans is encoded by the FGR gene. 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.

Application Notes

Optimal dilution of the FGR antibody should be determined by the researcher.

Immunogen

Amino acids ASLYEAMEQTWRLDPEERPTFEYLQ from the human protein were used as the immunogen for the FGR antibody.

Storage

After reconstitution, the FGR antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.