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.



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.

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.

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