Product datasheet

Anti-FGR Antibody

Catalog Number: *A01674-1*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-FGR Antibody
Gene Name	FGR
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human FGR, which shares 92% amino acid (aa) sequence identity with both mouse and rat FGR.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	59 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

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.

Reference

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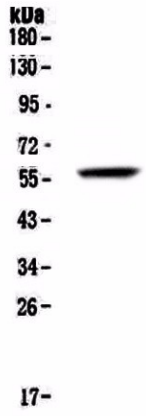
Anti-FGR Antibody被引用在1文献中。

Selected Validation Data



Western blot analysis of FGR using anti-FGR antibody (A01674-1). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human SW579 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-FGR antigen affinity purified polyclonal antibody (A01674-1) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for FGR at approximately 59 kDa. The expected band size for FGR is at 59 kDa .