

Datasheet for ABIN392096
anti-Fgr antibody (N-Term)

5 Images

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Overview

Quantity:	400 µL
Target:	Fgr (FGR)
Binding Specificity:	AA 3-33, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	This FGR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 3-33 amino acids from the N-terminal region of human FGR.
Clone:	RB3095
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Fgr (FGR)
Alternative Name:	FGR (FGR Products)
Background:	FGR is a member of the Src family of protein tyrosine kinases (PTKs). This protein contains N-

Target Details

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. It 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 protein.

Molecular Weight: 59479

Gene ID: 2268

NCBI Accession: [NP_001036194](#), [NP_001036212](#), [NP_005239](#)

UniProt: [P09769](#)

Pathways: [Sensory Perception of Sound](#), [Stem Cell Maintenance](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [CXCR4-mediated Signaling Events](#), [Thromboxane A2 Receptor Signaling](#)

Application Details

Application Notes: IF: 1:10~50. WB: 1:1000. WB: 1:2000. WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

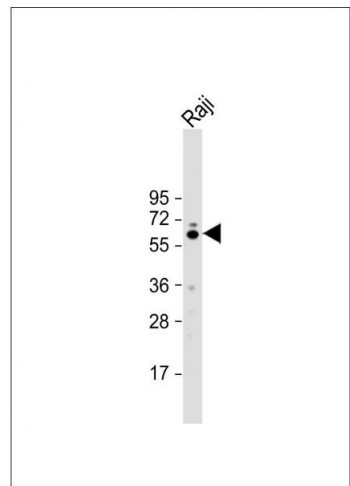
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

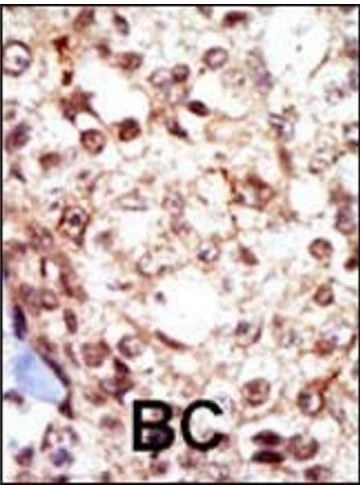
Expiry Date: 6 months

Product cited in: Wibowo, Chuan, Seth, Cordoba, Lua, Middelberg: "Co-administration of non-carrier nanoparticles boosts antigen immune response without requiring protein conjugation." in: **Vaccine**, Vol. 32, Issue 29, pp. 3664-9, (2014) ([PubMed](#)).



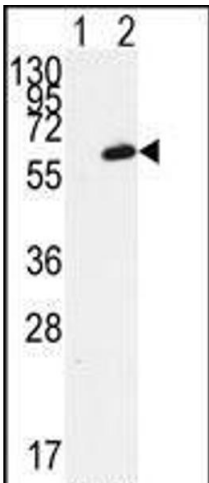
Western Blotting

Image 1. Anti-FGR Antibody (N-term) at 1:1000 dilution + Raji whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 59 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



Western Blotting

Image 3. Western blot analysis of FGR (arrow) using FGR Antibody (N-term) (ABIN392096 and ABIN2841848). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the FGR gene (Lane 2) (Origene Technologies).

Images

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN392096.