

Rabbit anti-Human FGR Polyclonal Antibody | anti-FGR antibody

FGR Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285598	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

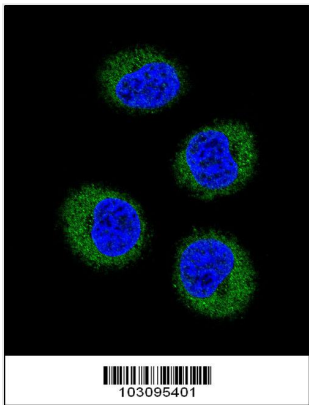
PRODUCT SYNONYMS

FGR; Polyclonal Antibody; FGR Antibody (N-term); Tyrosine-protein kinase Fgr; Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog; Proto-oncogene c-Fgr; p55-Fgr; p58-Fgr; p58c-Fgr; SRC2; anti-FGR antibody

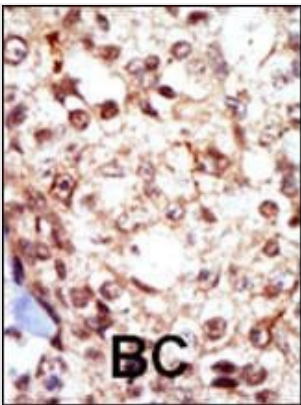
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	3-33
Sequence Length	529
Applicable Applications for anti-FGR antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

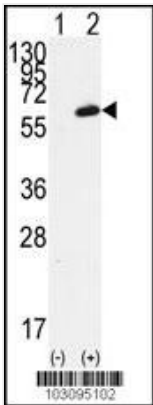
IMAGES



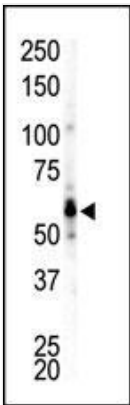
IF (Immunofluorescence)
Confocal immunofluorescent analysis of FGR Antibody (N-term) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
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.



WB (Western Blot)
Western blot analysis of FGR (arrow) using FGR Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the FGR gene (Lane 2) (Origene Technologies).



WB (Western Blot)
The anti-FGR Pab is used in Western blot to detect FGR in Ramos cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-FGR antibody	FGR is a member of the Src family of protein tyrosine kinases (PTKs). This 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. 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.
Product Categories/Family for anti-FGR antibody	Cancer; Signal Transduction
References	Carriero, M.V., et al., Biol. Chem. 383(1):107-113 (2002). Katamine, S., et al., Mol. Cell. Biol. 8(1):259-266 (1988). Nishizawa, M., et al., Mol. Cell. Biol. 6(2):511-517 (1986). Cheah, M.S., et al., Nature 319(6050):238-240 (1986). Tronick, S.R., et al., Proc. Natl. Acad. Sci. U.S.A. 82(19):6595-6599 (1985).

NCBI AND UNIPROT INFORMATION

NCBI GI #	112382241
NCBI GeneID	2268

NCBI Accession #	NP_001036194.1; NP_001036212.1; NP_005239.1
NCBI GenBank Nucleotide #	NM_001042729.1
UniProt Accession #	P09769; Q9UIQ3; D3DPL7
Molecular Weight	59479
NCBI Official Full Name	tyrosine-protein kinase Fgr
NCBI Official Synonym Full Names	FGR proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	FGR
NCBI Official Synonym Symbols	SRC2; c-fgr; c-src2; p55-Fgr; p58-Fgr; p55c-fgr; p58c-fgr
NCBI Protein Information	tyrosine-protein kinase Fgr
UniProt Protein Name	Tyrosine-protein kinase Fgr
UniProt Gene Name	FGR
UniProt Synonym Gene Names	SRC2
UniProt Entry Name	FGR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/fgr-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/285598>