

## c-Fgr (Phospho Tyr412) Rabbit pAb

CatalogNo: YP1680

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat

**Applications**

- WB

**MW**

- 60kD (Observed)

**Isotype**

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human FGR (Phospho-Tyr412)

**Specificity** This antibody detects endogenous levels of FGR (Phospho-Tyr412) at Human, Mouse, Rat. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): DEyNP

## Target Information

**Gene name** FGR SRC2

**Protein Name** FGR (Phospho-Tyr412)

Organism	Gene ID	UniProt ID
Human	<a href="#">2268;</a>	<a href="#">P09769;</a>
Mouse	<a href="#">14191;</a>	<a href="#">P14234;</a>
Rat	<a href="#">79113;</a>	<a href="#">Q6P6U0;</a>

### Cellular Localization

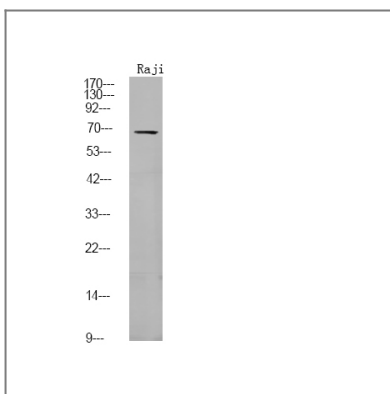
Cell membrane ; Lipid-anchor ; Cytoplasmic side . Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, ruffle membrane. Cytoplasm, cytosol. Cytoplasm, cytoskeleton. Mitochondrion inner membrane . Mitochondrion intermembrane space . Detected in mitochondrial intermembrane space and at inner membranes (By similarity). Colocalizes with actin fibers at membrane ruffles. Detected at plasma membrane lipid rafts.

**Tissue specificity** Detected in neutrophils, monocytes and natural killer cells (at protein level). Detected in monocytes and large lymphocytes.

### Function

Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,subunit:Binds PTPNS1.,

## Validation Data



Western Blot analysis of Raji using primary antibody at 1:1000 dilution 4°C overnight. Secondary antibody (catalog#:RS23920) was diluted at 1:10000 25°C, 1.5hours

## Contact information

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Please scan the QR code to access additional product information:  
**c-Fgr (Phospho Tyr412) Rabbit pAb**

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