

## FGFR-4 (Phospho Tyr642) Rabbit pAb

CatalogNo: YP0509

Orthogonal Validated 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, ELISA

#### MW

- 90kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000****ELISA 1:10000****Not yet tested in other applications.**

### 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.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho-peptide around the phosphorylation site of human FGFR-4 (phospho Tyr642)

**Specificity** Phospho-FGFR-4 (Y642) Polyclonal Antibody detects endogenous levels of FGFR-4 protein only when phosphorylated at Y642. 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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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): IDyYK

## Target Information

**Gene name** FGFR4

**Protein Name** Fibroblast growth factor receptor 4

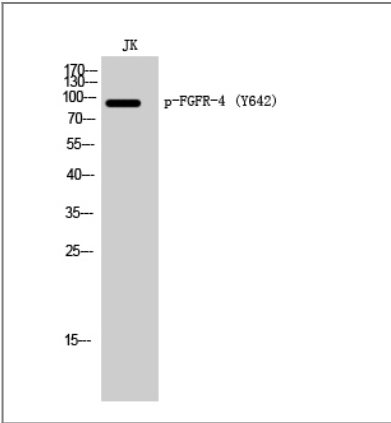
Organism	Gene ID	UniProt ID
Human	<a href="#">2264;</a>	<a href="#">P22455;</a>
Mouse	<a href="#">14186;</a>	<a href="#">Q03142;</a>
Rat	<a href="#">25114;</a>	<a href="#">Q498D6;</a>

**Cellular Localization** Cell membrane; Single-pass type I membrane protein. Endosome. Endoplasmic reticulum. Internalized from the cell membrane to recycling endosomes, and from there back to the cell membrane.; [Isoform 2]: Secreted.; [Isoform 3]: Cytoplasm .

**Tissue specificity** Expressed in gastrointestinal epithelial cells, pancreas, and gastric and pancreatic cancer cell lines.

**Function** Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,Function:Receptor for acidic fibroblast growth factor. Does not bind to basic fibroblast growth factor. Binds FGF19.,PTM:Glycosylated (By similarity). Phosphorylated on tyrosine residue (By similarity). Phosphorylation requires the presence of a functional (phosphorylated) FGFR1 and not necessarily by means of FGFR heterodimerization.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Fibroblast growth factor receptor subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Isoform 2 may be secreted.,subunit:Interacts with KLB.,tissue specificity:Expressed in gastrointestinal epithelial cells, pancreas, and gastric and pancreatic cancer cell lines.,

## Validation Data



Western Blot analysis of JK cells using Phospho-FGFR-4 (Y642) Polyclonal Antibody

## Contact information

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Please scan the QR code  
to access additional  
product information:  
**FGFR-4 (Phospho  
Tyr642) Rabbit pAb**

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For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)