

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

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

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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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

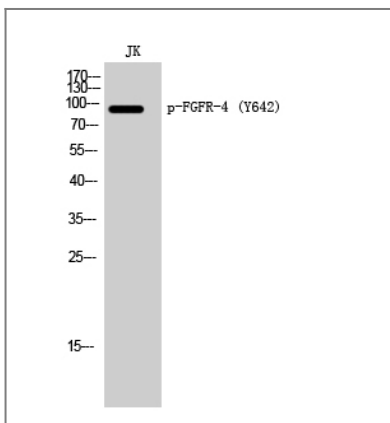
| Organism | Gene ID | UniProt ID |
|----------|------------------------|-------------------------|
| Human | 2264; | P22455; |
| Mouse | 14186; | Q03142; |
| Rat | 25114; | Q498D6; |

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

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

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