

产品名称: FGFR-4 (phospho Tyr642) Rabbit Polyclonal Antibody
产品货号: APRab04670



产品概述 (Summary)

产品名称 (Production Name)	FGFR-4 (phospho Tyr642) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	FGFR4
别名 (Alternative Names)	FGFR4; JTK2; TKF; Fibroblast growth factor receptor 4; FGFR-4; CD antigen CD334
基因 ID (Gene ID)	2264.0
蛋白 ID (SwissProt ID)	P22455.Synthesized phospho-peptide around the phosphorylation site of human FGFR-4 (phospho Tyr642)

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	90kDa

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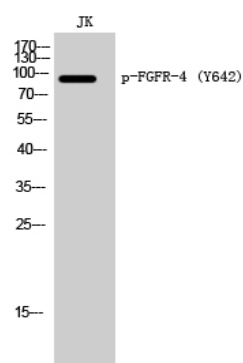
研究背景 (Background)

The protein encoded by this gene is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. The genomic organization of this gene, compared to members 1-3, encompasses 18 exons rather than 19 or 20. Although alternative splicing has been observed, there is no evidence that the C-terminal half of the Ig-like catalytic activity: $ATP + a [protein]\text{-L-tyrosine} = ADP + a [protein]\text{-L-tyrosine phosphate}$.
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.
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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.

研究领域 (Research Area)

MAPK_ERK_Growth; MAPK_G_Protein; Endocytosis; Regulates Actin and Cytoskeleton;

图片 (Image Data)



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

注意事项 (Note)

For research use only .

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