FGFR1 Rabbit Polyclonal Antibody(Center)

产品详情

产品货号	产品名称	储存条件	保质期
IM38475	FGFR1 Rabbit Polyclonal Antibody(Center)	2-8℃	2 周

产品概述：

产品货号	IM38475
别名	Fibroblast growth factor receptor 1,FGFR-1,Basic fibroblast growth factor receptor 1,BFGFR,bFGF-R-1,Fms-like tyrosine kinase 2,FLT-2, N-sam,Proto-oncogene c-Fgr,CD331,FGFR1,BFGFR,CEK,FGFBR,FLG,FLT2, HBGFR
产品名称	FGFR1 Rabbit Polyclonal Antibody(Center)
类别	抗体产品
Clonality	Polyclonal
推荐应用	WB,FCM
反应种属	Human,Rat,Mouse
存储缓冲液	Purified polyclonal antibody supplied in PBS with 0.09%(W/V)New type preservative N.This antibody is purified through a protein A column, followed by peptide affinity purification.
Human Swissprot No.	P11362
特异性	This FGFR1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 291-324 amino acids from the Central region of human FGFR1.
稀释度	FCM 1:25,WB 1:1000

预测分子量	92kDa
运输及保存条件	-20℃/1 year(Do not lower than -25℃)
宿主	Rabbit
同种型	IgG
背景介绍	Tyrosine-protein kinase that acts as cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of embryonic development,cell proliferation, differentiation and migration.Required for normal mesoderm patterning and correct axial organization during embryonic development,normal skeletogenesis and normal development of the gonadotropin-releasing hormone(GnRH)neuronal system.Phosphorylate PLCG1,FRS2,GAB1 and SHB.Ligand binding leads to the activation of several signaling cascades.Activation of PLCG1 leads to the production of the cellular signaling molecules diacylglycerol and inositol 1,4,5-trisphosphate.Phosphorylation of FRS2 triggers recruitment of GRB2,GAB1,PIK3R1 and SOS1,and mediates activation of RAS,MAPK1/ERK2,MAPK3/ERK1 and the MAP kinase signaling pathway,as well as of the AKT1 signaling pathway.Promotes phosphorylation of SHC1,STAT1 and PTPN11/SHP2.In the nucleus,enhances RPS6KA1 and CREB1 activity and contributes to the regulation of transcription.FGFR1 signaling is down-regulated by IL17RD/SEF,and by FGFR1 ubiquitination,internalization and degradation.
组织表达	Detected in astrocytoma,neuroblastoma and adrenal cortex cell lines. Some isoforms are detected in foreskin fibroblast cell lines,however isoform 17,isoform 18 and isoform 19 are not detected in these cells.
细胞定位	Cell membrane; Single-pass type I membrane protein. Nucleus. Cytoplasm, cytosol. Cytoplasmic vesicle. Note=After ligand binding,

细胞定位	both receptor and ligand are rapidly internalized. Can translocate to the nucleus after internalization, or by translocation from the endoplasmic reticulum or Golgi apparatus to the cytosol, and from there to the nucleus.
功能	Tyrosine-protein kinase that acts as cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of embryonic development,cell proliferation, differentiation and migration. Required for normal mesoderm patterning and correct axial organization during embryonic development,normal skeletogenesis and normal development of the gonadotropin-releasing hormone(GnRH)neuronal system. Phosphorylate PLCG1,FRS2,GAB1 and SHB. Ligand binding leads to the activation of several signaling cascades.Activation of PLCG1 leads to the production of the cellular signaling molecules diacylglycerol and inositol 1,4,5-trisphosphate.Phosphorylation of FRS2 triggers recruitment of GRB2,GAB1,PIK3R1 and SOS1,and mediates activation of RAS,MAPK1/ERK2,MAPK3/ERK1 and the MAP kinase signaling pathway,as well as of the AKT1 signaling pathway.Promotes phosphorylation of SHC1,STAT1 and PTPN11/SHP2.In the nucleus,enhances RPS6KA1 and CREB1 activity and contributes to the regulation of transcription.FGFR1 signaling is down-regulated by IL17RD/SEF,and by FGFR1 ubiquitination,internalization and degradation.

储存与保存：

Maintain refrigerated at 2-8℃ for up to 2 weeks.For long term storage store at -20℃ in small aliquots to prevent freeze-thaw cycles.

注意事项：

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