

## Rabbit Anti-FGFR1 Polyclonal Antibody

CPB-1119RH Rabbit(FGFR1)

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Anti-FGFR1 Polyclonal Antibody
<b>Antigen Description</b>	FGF encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Multiple alternatively spliced variants encoding different isoforms have been described.
<b>specificity</b>	The antibody detects endogenous level of total FGF Receptor 1 protein.
<b>Target</b>	FGFR1
<b>Immunogen</b>	Peptide sequence around aa. 152~156 (A-P-Y-W-T) derived from Human FGF Receptor 1.
<b>Host</b>	Rabbit
<b>Species</b>	Human
<b>Cross Reactivity</b>	Human; Mouse; Rat
<b>conjugation</b>	N/A
<b>Applications</b>	WB

### PACKAGING

<b>Format</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at -20°C/1 year

### ANTIGEN GENE INFORMATION

<b>Gene Name</b>	<a href="#">FGFR1 fibroblast growth factor receptor 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	FGFR1
<b>Synonyms</b>	FGFR1; fibroblast growth factor receptor 1; FLT2, fms related tyrosine kinase 2 , KAL2; BFGFR; CD331; CEK; FLG; H2; H3; H4; H5; N SAM; Pfeiffer syndrome; FGFR1/PLAG1 fusion; proto-oncogene c-Fgr; FMS-like tyrosine kinase 2; hydroxyaryl-protein kinase; fms-related tyrosine kinase 2; heparin-binding growth factor receptor; basic fibroblast growth factor receptor 1; OGD; FLT2; KAL2; FGFR; FLT-2; HBGR; N-SAM; FGFR-1; bFGF-R-1; FLJ99988;
<b>GeneID</b>	<a href="#">2260</a>
<b>mRNA Refseq</b>	<a href="#">NM_001174063</a>
<b>Protein Refseq</b>	<a href="#">NP_001167534</a>
<b>MIM</b>	<a href="#">136350</a>
<b>UniProt ID</b>	P11362

**Chromosome Location** 8p12

**Pathway**

Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Downstream signaling of activated FGFR, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem; FGF signaling pathway, organism-specific biosystem;

**Function**

ATP binding; fibroblast growth factor 1 binding; fibroblast growth factor binding; fibroblast growth factor-activated receptor activity; fibroblast growth factor-activated receptor activity; heparin binding; nucleotide binding; protein binding; protein homodimerization activity; protein tyrosine kinase activity; protein tyrosine kinase activity; receptor activity;