FGF4 polyclonal antibody

Catalog # PAB7973 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FGF4.
Immunogen	A synthetic peptide corresponding to the middle region of human FGF4.
Host	Rabbit
Reactivity	Human, Rat
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na_2HPO_4 (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Gene Info — FGF4

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Entrez GeneID	2249
Gene Name	FGF4
Gene Alias	HBGF-4, HST, HST-1, HSTF1, K-FGF, KFGF
Gene Description	fibroblast growth factor 4
Omim ID	164980
Gene Ontology	Hyperlink
Gene Summary	The protein 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 gene was identified by its oncogenic transforming activity. This gene and FGF3, another oncogenic growth factor, are located closely on chromosome 11. Co-amplification of both genes was found in various kinds of human tumors. Studies on the mouse homolog suggested a function in bone morphogenesis and limb development through the sonic hedgehog (SHH) signaling pathway. [provided by RefSeq
Other Designations	heparin secretory transforming protein 1|human stomach cancer, transforming factor from FGF-related oncogene|kaposi sarcoma oncogene|oncogene HST|transforming protein KS3

Publication Reference

- Expression of the HST1 oncogene in human germ cell tumors.

  Yoshida T, Tsutsumi M, Sakamoto H, Miyagawa K, Teshima S, Sugimura T, Terada M.

  Biochemical and Biophysical Research Communications 1988 Sep; 155(3):1324.

Pathway

- MAPK signaling pathway
- Melanoma
- Pathways in cancer
- Regulation of actin cytoskeleton

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Disease

- Chorioamnionitis
- Cleft Lip
- Cleft Palate
- Colorectal Neoplasms
- Fetal Membranes
- Genetic Predisposition to Disease
- Obstetric Labor
- Pre-Eclampsia
- Premature Birth
- Stomach Neoplasms

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