

FGF-4 Polyclonal Antibody

Catalog No: YT5552

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA

Target: FGF4

Fields: >>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling

pathway;>>Calcium signaling pathway;>>PI3K-Akt signaling

pathway;>>Regulation of actin cytoskeleton;>>Pathways in cancer;>>Chemical carcinogenesis - receptor activation;>>Melanoma;>>Breast cancer;>>Gastric

cancer

Gene Name: FGF4

Protein Name: Fibroblast growth factor 4

P08620

P11403

Human Gene Id: 2249

Human Swiss Prot

No:

Mouse Gene Id: 14175

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from the C-

terminal region of human FGF4. AA range:151-200

Specificity: FGF-4 Polyclonal Antibody detects endogenous levels of FGF-4 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

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

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-



chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 22kD

Cell Pathway: MAPK_ERK_Growth;MAPK_G_Protein;Regulates Actin and

Cytoskeleton; Pathways in cancer; Melanoma;

Background: 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, Jul 2008],

Function: function:Can transform NIH 3T3 cells from a human stomach tumor (hst) and

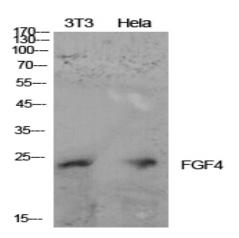
from karposi's sarcoma (KS3). It has a mitogenic activity., similarity: Belongs to the

heparin-binding growth factors family.,

Subcellular Location:

Secreted.

Products Images



Western Blot analysis of NIH-3T3, Hela cells using FGF-4 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000