Product Name: FGF-4 Rabbit Polyclonal Antibody
Catalog #: APRab10935

Summary

Production Name	FGF-4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	FGF4
Alternative Names	FGF4; HST; HSTF1; KS3; Fibroblast growth factor 4; FGF-4; Heparin secretory-transforming protein 1; HST; HST-1; HSTF-1; Heparin-binding growth factor 4; HBGF-4; Transforming protein KS3
Gene ID	2249.0
SwissProt ID	P08620.The antiserum was produced against synthesized peptide derived from the C-terminal region of human FGF4. AA range:151-200

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:10000.
Molecular Weight	22kD

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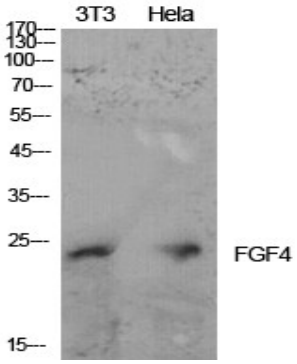
Background

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: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.,

Research Area

MAPK_ERK_Growth;MAPK_G_Protein;Regulates Actin and Cytoskeleton;Pathways in cancer;Melanoma;

Image Data



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

Note

For research use only.