

FGF4 Antibody

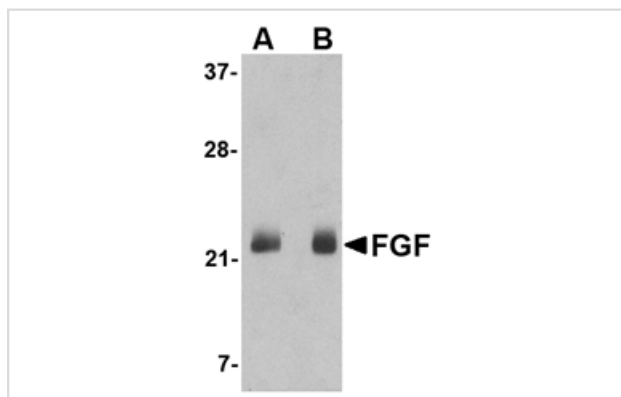
Catalog No: #24622

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	FGF4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB ICC
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a 18 amino acid peptide near the carboxy terminus of the human FGF4.
Target Name	FGF4
Other Names	Fibroblast growth factor 4, Heparin secretory-transforming protein, HST-1, HST, Transforming protein KS3, HBGF-4, Kaposi sarcoma oncogene
Accession No.	P08620
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of FGF4 in NIH 3T3 cell lysate with FGF4 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunocytochemistry of FGF4 in 3T3 cells with FGF4 antibody at 2.5 ug/mL.

Background

Fibroblast growth factor 4 (FGF4) is a member of the fibroblast growth factor (FGF) family that possess broad mitogenic and cell survival activities and play key roles in growth and survival of stem cells during embryogenesis, tissue regeneration, and carcinogenesis. FGF4 was identified by its strong oncogenic transforming activity and is a potent angiogenic factor, expressed in several highly vascularized tumors and also in adult mouse testis, intestine, and brain. Studies on the mouse homolog suggests a function in bone morphogenesis and limb development through the sonic hedgehog (SHH) signaling pathway. Furthermore, FGF4 regulates neural progenitor cell proliferation and neuronal differentiation. Recent studies show a growth-promoting role for FGF4 in human embryonic stem cells and a putative feedback inhibition mechanism by a novel FGF4 splice isoform that may serve to promote differentiation at a later stages of development.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.