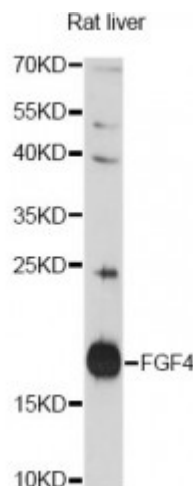


Anti-FGF4 Antibody



Description

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.

Model	STJ116931
Host	Rabbit
Reactivity	Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 31-206 of human FGF4 (NP_001998.1).
Gene ID	2249
Gene Symbol	FGF4
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	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
Molecular Weight	22.048 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:3682OMIM:164980Reactome:R-HSA-109704
Alternative Names	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
Function	Plays an important role in the regulation of embryonic development, cell proliferation, and cell differentiation, Required for normal limb and cardiac valve development during embryogenesis,
Cellular Localization	Secreted

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com