

FGF4 Antibody

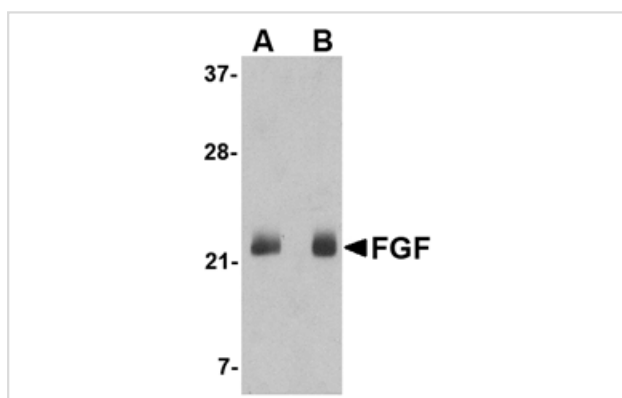
Catalog No: #24622

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

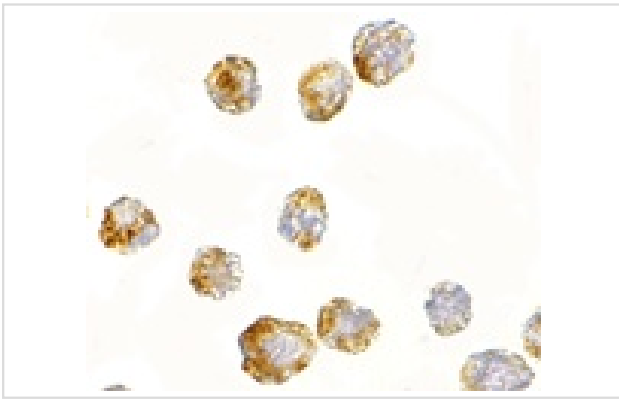
Description

| | |
|-----------------------|---|
| 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 |
| Uniprot | P08620 |
| GeneID | 2249; |
| 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