

## **Product datasheet for TA354548**

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## **FGF4 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB 0.1-1 μg/ml ELISA 0.01-0.1 μg/ml IP 2-5 μg/ml IHC 2-10 μg/ml FC 5-10 μg/ml

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** A synthetic peptide corresponding to the N-terminus of Fibroblast Growth Factor 4 protein.

This sequence is identical to human, mouse, rat and bovine.

**Formulation:** This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2)

containing antibody stabilizer.

**Purification:** The Rabbit IgG is purified by Epitope Affinity Purification

**Conjugation:** Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

**Predicted Protein Size:** ~22 kDa

**Gene Name:** fibroblast growth factor 4

Database Link: NP 001998

Entrez Gene 14175 MouseEntrez Gene 116499 RatEntrez Gene 2249 Human

P08620

**Background:** FGF4 is a member of fibroblast growth factor (FGF) family. The 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. FGF4and FGF3, another oncogenic growth factor, are located closely on chromosome 11. Coamplification 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.





## FGF4 Rabbit Polyclonal Antibody - TA354548

Synonyms: HBGF-4; HST; HST-1; HSTF1; K-FGF; KFGF

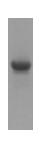
Protein Families: Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS,

Induced pluripotent stem cells, Secreted Protein, Stem cell relevant signaling - Wnt Signaling

pathway, Transmembrane

**Protein Pathways:** MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

**Product images:** 



WB: The full-length recombinant protein of human FGF-4 was blotted by Rabbit anti-FGF4 (NT) at 1:500. An immunoreactive band is observed ~22 kDa.