

## Product datasheet for **TA354551**

### 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:	<a href="#">NP_001998</a> <a href="#">Entrez Gene 14175 Mouse</a> <a href="#">Entrez Gene 116499 Rat</a> <a href="#">Entrez Gene 2249 Human</a> <a href="#">P08620</a>
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. FGF4 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



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**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 (NT2) at 1:500. An immunoreactive band is observed at ~22 kDa.