



Anti-FGF4 polyclonal antibody [Biotin] (DPABY-398)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	FGF-4, also known as FGFK and K-FGF, is a member of the FGF family of mitogenic peptides. FGF-4 expression is spatially and temporally regulated during embryonic development. FGF-4 plays a key role in limb development and has been identified as the molecular mediator of the activities of the apical ectodermal ridge that is required for directing the outgrowth and patterning of vertebrate limbs.
Specificity	Detects human FGF-4 in ELISAs and Western blots. In sandwich ELISAs, less than 0.3% cross-reactivity with recombinant human (rh) FGF-6 is observed, and less than 0.2% cross-reactivity with rhFGF acidic, rhFGF basic, rhFGF-5, -7, -9, -10, -17, and -19 is observed.
Immunogen	E. coli-derived recombinant human FGF-4. Ala31-Leu206 Accession Number P08620
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Immunohistochemistry, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	FGF4 fibroblast growth factor 4 [Homo sapiens (human)]
Official Symbol	FGF4
Synonyms	FGF4; fibroblast growth factor 4; HST; KFGF; HST-1; HSTF1; K-FGF; HBGF-4; FGF-4; HSTF-1; oncogene HST; kaposi sarcoma oncogene; transforming protein KS3; heparin-binding growth factor 4; heparin secretory transforming protein 1; heparin secretory-transfor
Entrez Gene ID	2249
Protein Refseq	NP_001998
UniProt ID	P08620
Chromosome Location	11q13.3
Pathway	Activated point mutants of FGFR2; Adaptive Immune System; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions; DAP12 signaling; Disease; Downstream signal transduction; Downstream signaling events of B Cell Receptor (BCR);
Function	fibroblast growth factor receptor binding; growth factor activity; heparin binding;