

Rabbit anti-Human FGF4 Polyclonal Antibody | anti-FGF4 antibody

FGF4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283976	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

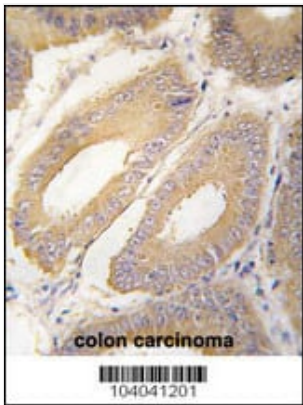
PRODUCT SYNONYMS

FGF4; Polyclonal Antibody; FGF4 Antibody (C-term); 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; HSTF1; KS3; anti-FGF4 antibody

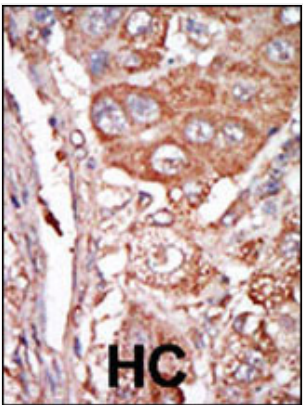
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FGF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 168-198 amino acids from the C-terminal region of human FGF4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	168-198
Sequence Length	206
Applicable Applications for anti-FGF4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

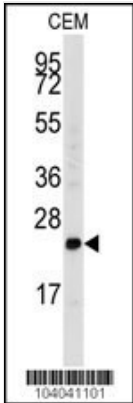
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with FGF4 Antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-FGF4 Antibody (C-term) in CEM cell line lysates (35ug/lane). FGF4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FGF4 antibody	FGF4 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. The gene for FGF4 was identified by its oncogenic transforming activity. The gene for 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.
Product Categories/Family for anti-FGF4 antibody	Cancer; Cardiovascular; Developmental Biology; Signal Transduction
References	Yamamoto, H., et al., Oncogene 21(6):899-908 (2002). Koh, K.R., et al., Leuk. Res. 26(10):933-938 (2002). Sieuwerts, A.M., et al., Thromb. Haemost. 87(4):674-683 (2002). Lopez-Sanchez, C., et al., Cell Tissue Res. 309(2):237-249 (2002). Galland, F., et al., Cytogenet. Cell Genet. 60(2):114-116 (1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503701
NCBI GeneID	2249

NCBI Accession #	NP_001998.1
NCBI GenBank Nucleotide #	NM_002007.2
UniProt Accession #	P08620 ; B7U994 ; AAB21430
Molecular Weight	22048
NCBI Official Full Name	fibroblast growth factor 4
NCBI Official Synonym Full Names	fibroblast growth factor 4
NCBI Official Symbol	FGF4
NCBI Official Synonym Symbols	HST; KFGF; HST-1; HSTF1; K-FGF; HBGF-4
NCBI Protein Information	fibroblast growth factor 4
UniProt Protein Name	Fibroblast growth factor 4
UniProt Gene Name	FGF4
UniProt Synonym Gene Names	HST; HSTF1; KS3; FGF-4; HST; HST-1; HSTF-1; HBGF-4
UniProt Entry Name	FGF4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/fgf4-antibody-immunohistochemistry-western-blot-elisa/283976>