

ARG58627 anti-FGF4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FGF4
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FGF4
Species	Human
Immunogen	Highly pure (> 98%) recombinant Human FGF4.
Conjugation	Un-conjugated
Alternate Names	K-FGF; HST-1; FGF-4; Transforming protein KS3; HSTF-1; Heparin secretory-transforming protein 1; Fibroblast growth factor 4; KFGF; HST; Heparin-binding growth factor 4; HBGF-4; HSTF1

Application Instructions

Application table	Application	Dilution
	IHC-P	0.25 µg/ml
Application Note	IHC-P: Antigen Retrieval: Heat mediated was performed in Sodium citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

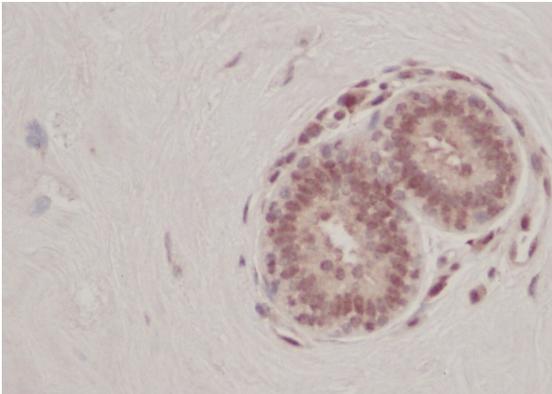
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FGF4
Gene Full Name	fibroblast growth factor 4
Background	The protein encoded by this gene 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. This gene was identified by its oncogenic transforming activity. This gene 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. [provided by RefSeq, Jul 2008]
Function	Plays an important role in the regulation of embryonic development, cell proliferation, and cell differentiation. Required for normal limb and cardiac valve development during embryogenesis. [UniProt]
Calculated Mw	22 kDa

Images



ARG58627 anti-FGF4 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded breast tissue from a breast carcinoma stained with ARG58627 anti-FGF4 antibody at 0.25 $\mu\text{g}/\text{ml}$, overnight at 4°C. Antigen Retrieval: Heat mediated was performed in Sodium citrate buffer (pH 6.0).
