

FGF-1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03199
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human FGF-1. AA range:7-56
Mol wt	17460
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	FGF-1 Antibody
Synonyms	FGF1; FGFA; Fibroblast growth factor 1; FGF-1; Acidic fibroblast growth factor; aFGF; Endothelial cell growth factor; ECGF; Heparin-binding growth factor 1; HBGF-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The fibroblast growth factor 1 encoded by FGF1 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 protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Multiple alternatively spliced variants encoding different isoforms have been described.

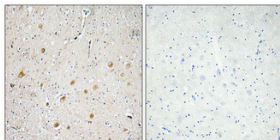
Recommended Dilution

IHC: 1: 100 - 1: 300

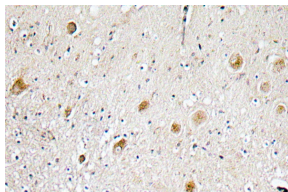
ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemistry analysis of FGF-1 antibody in paraffin-embedded human brain tissue.

Storage

-20°C for one year

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