

FGF-8 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03219
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human FGF8. AA range:141-190
Mol wt	26525
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	FGF-8 Antibody
Synonyms	FGF8; AIGF; Fibroblast growth factor 8; FGF-8; Androgen-induced growth factor; AIGF; Heparin-binding growth factor 8; HBGF-8

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

Background

Fibroblast growth factor 8 encoded by FGF8 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 is known to be a factor that supports androgen and anchorage independent growth of mammary tumor cells. Overexpression of this gene has been shown to increase tumor growth and angiogenesis. The adult expression of this gene is restricted to testes and ovaries. Temporal and spatial pattern of this gene expression suggests its function as an embryonic epithelial factor. Studies of the mouse and chick homologs revealed roles in midbrain and limb development, organogenesis, embryo gastrulation and left-right axis determination. The alternative splicing of this gene results in four transcript variants.

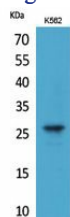
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of K562 cells using FGF-8 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

