Product Name: FGF8 Rabbit Polyclonal Antibody
Catalog #: APRab00622

Summary

Production Name	FGF8 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	FGF8
Alternative Names	FGF8; AIGF; Fibroblast growth factor 8; FGF-8; Androgen-induced growth factor; AIGF; Heparin-binding growth factor 8; HBGF-8
Gene ID	2253
SwissProt ID	P55075.

Application

Dilution Ratio	WB: 1:500-1:1000 ELISA: 1:10000
Molecular Weight	Calculated MW: 27 kDa; Observed MW: 27 kDa

Background

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess

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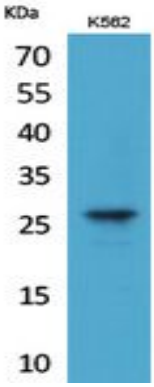
broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is known to be a factor that supports androgen and anchorage independent growth of mammary tumor cells. Overexpression of this gene has been shown to increase tumor growth and angiogensis. The adult expression of this gene is restricted to Tes 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.

Research Area

Cardiovascular

Image Data



Western blot analysis of FGF8 in K562 lysates using FGF8 antibody.

Note

For research use only.