

FGF8

Reactivity: Human Mouse

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 27kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human FGF8

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HH6; AIGF; KAL6; FGF-8; HBGF-8;

Catalog #: A2848

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2253

Isotype: IgG

Swiss Prot: P55075

Purity: Affinity purification

For research use only.

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 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.

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