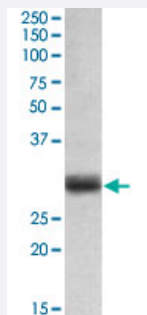


# FGF5 (isoform1) polyclonal antibody

Catalog # PAB24589

Size 100 ug

## Applications



### Western Blot (Tissue lysate)

FGF5 (isoform1) polyclonal antibody (Cat # PAB24589) (0.1 ug/mL) staining of human placenta lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

**Product Description** Goat polyclonal antibody raised against synthetic peptide of FGF5 (isoform1).

**Immunogen** A synthetic peptide corresponding to C-terminus of human FGF5 (isoform1).

**Sequence** C-PLSAPRKNTNSVK

**Host** Goat

**Theoretical MW (kDa)** 29

**Reactivity** Human

**Specificity** This antibody is expected to recognize reported isoform 1 (NP\_004455.2) only.

**Form** Liquid

**Purification** Antigen affinity purification

**Recommend Usage** ELISA (1:32000)  
Western Blot (0.1-0.3 ug/mL)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

FGF5 (isoform1) polyclonal antibody (Cat # PAB24589) (0.1 ug/mL) staining of human placenta lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — FGF5

**Entrez GeneID**[2250](#)**Protein Accession#**[NP\\_004455.2;NP\\_149134.1](#)**Gene Name**

FGF5

**Gene Alias**

HBGF-5, Smag-82

**Gene Description**

fibroblast growth factor 5

**Omim ID**[165190](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 as an oncogene, which confers transforming potential when transfected into mammalian cells. Targeted disruption of the homolog of this gene in mouse resulted in the phenotype of abnormally long hair, which suggested a function as an inhibitor of hair elongation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

**Other Designations**

heparin-binding growth factor 5

## Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)

## Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hypertension](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)