

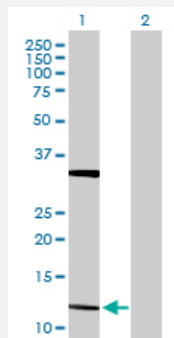
MaxPab®

FGF5 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002250-D01P

Size 100 ug

Applications

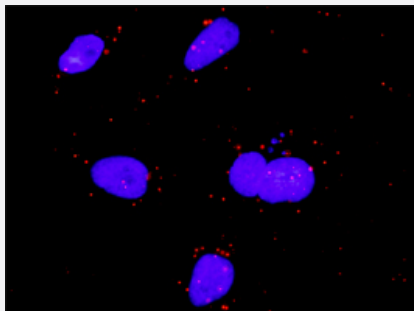


Western Blot (Transfected lysate)

Western Blot analysis of FGF5 expression in transfected 293T cell line ([H00002250-T02](#)) by FGF5 MaxPab polyclonal antibody.

Lane 1: FGF5 transfected lysate(13.00 kDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between FGF5 and MAPK1. HeLa cells were stained with anti-FGF5 rabbit purified polyclonal 1:1200 and anti-MAPK1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FGF5 protein.
Immunogen	FGF5 (NP_149134.1, 1 a.a. ~ 123 a.a) full-length human protein.
Sequence	MSLSFLLLLFFSHLILSAWAHGEKRLAPKGQPGPAATDRNPRGSSSRQSSSSAMSSSSASSSPA ASLGSQGSGLEQSSFQWSPSGRRTGSLYCRVGIGFHLQYPDGKVNGSHEANMLSQVHR
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

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Gene Info — FGF5

Entrez GeneID

[2250](#)

GeneBank Accession#

[NM_033143](#)

Protein Accession#

[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 a n 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](#)