



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## FGF5 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00002250-D01P

規格 : [ 100 ug ]

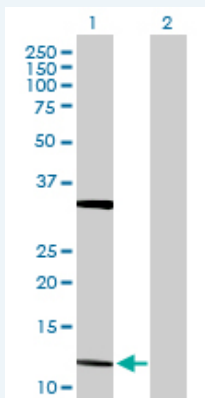
[List All](#)

### Specification

<b>Product Description:</b>	Rabbit polyclonal antibody raised against a full-length human FGF5 protein.
<b>Immunogen:</b>	FGF5 (NP_149134.1, 1 a.a. ~ 123 a.a) full-length human protein.
<b>Sequence:</b>	MSLSFLLLFFSHLILSAWAHGEKRLAPKGQPGPAATDRNPRGSSSRQS SSSAMSSSSASSSPAASLGSQGSGLQSSSQWSPSGRRTGSLYCRVGI GFHLQIYPDGKVNGSHEANMLSQVHR
<b>Host:</b>	Rabbit
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	<a href="#">Download</a>
<b>Datasheet:</b>	<a href="#">Download</a>

### Applications

#### Western Blot (Transfected lysate)



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

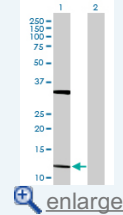
Lane 1: FGF5 transfected lysate(13.00 kDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

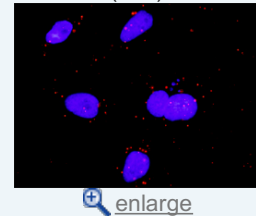
#### *In situ* Proximity Ligation Assay (Cell)

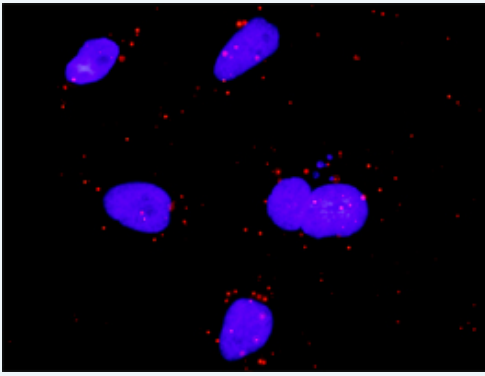
### Application Image

#### Western Blot (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).

## Gene Information

Entrez GeneID: [2250](#)

GeneBank [NM\\_033143](#)  
Accession#:

Protein [NP\\_149134.1](#)  
Accession#:

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

## Gene Pathway

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

## Related Disease

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

