



# 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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## BMP5 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000653-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human BMP5 protein.

**Immunogen:** BMP5 (NP\_066551.1, 1 a.a. ~ 454 a.a) full-length human protein.

**Sequence:**  
 MHLTVFLLKGIVGFLWSCWLVGYAKGGLGDNHVHSSFIYRRLRNHERR  
 EIQREILSILGLPHRPRPFS PGKQASSAPLFMLDLYNAMTNEENPEESEYS  
 VRASLAEETRGARKGYASPNGYPRRIQLSRTTPLTTQSPPLASLHDTN  
 FLNDADMVMSFVNLVERDKDFSHQRRHYKEFRFDLTQIPHGEAVTAAEF  
 RYKDRSNNRFENETIKISIQIKEYTNRDADLFLDTRKAQALDVGWLVF  
 DITVTSNHWWINPQNNLGLQLCAETGDGRSINVKSAAGLVGRQGPQSKQP  
 FMVAFFKASEVLLRSVRAANKRKNQNRNKSSSHQDSSRMSSVGDYNTS  
 EQKQACKKHELIVSFRDLGWQDWIAPEGYAAFYCDGECFPLNAHMN  
 ATNHAVQTLVHLMFPDHPKPCCAPTKLNAISVLYFDDSSNVILKKYRNM  
 VVRSCGCH

**Host:** Rabbit

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

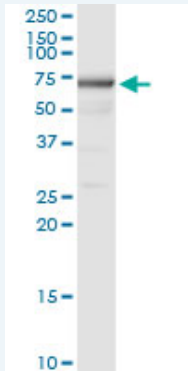
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

### Applications

#### Western Blot (Tissue lysate)



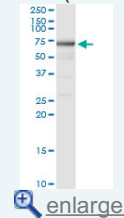
BMP5 MaxPab rabbit polyclonal antibody. Western Blot analysis of BMP5 expression in human liver.

 [Protocol Download](#)

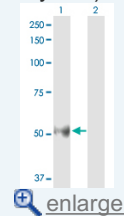
#### Western Blot (Transfected lysate)

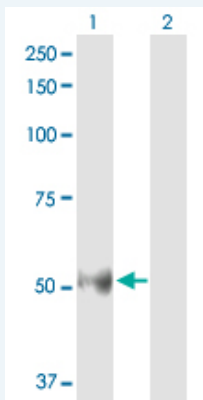
### Application Image

#### Western Blot (Tissue lysate)



#### Western Blot (Transfected lysate)





Western Blot analysis of BMP5 expression in transfected 293T cell line ([H00000653-T02](#)) by BMP5 MaxPab polyclonal antibody.

Lane 1: BMP5 transfected lysate(51.70 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [653](#)

**GeneBank Accession#:** [NM\\_021073](#)

**Protein Accession#:** [NP\\_066551.1](#)

**Gene Name:** BMP5

**Gene Alias:** MGC34244

**Gene Description:** bone morphogenetic protein 5

**Omim ID:** [112265](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. This protein may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. This gene is differentially regulated during the formation of various tumors. [provided by RefSeq]

**Other Designations:** OTTHUMP00000016650

## Gene Pathway

[Cytokine-cytokine receptor interaction](#) [Hedgehog signaling pathway](#)  
[TGF-beta signaling pathway](#)

## Related Disease

[Congenital Abnormalities](#) [Genetic Predisposition to Disease](#) [Obesity](#) [Osteoarthritis](#), [Hip Ovarian Failure](#), [Premature Puberty](#), [Polycystic Ovary Syndrome](#) [Puberty, Delayed](#) [Puberty, Precocious](#) [Thrombophilia](#) [Tobacco Use Disorder](#)

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