



# 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 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00000653-B01

規格 : [ 50 uL ]

[List All](#)

### Specification

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

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

**Sequence:**  
 MHLTVFLLKGIVGFLWSCWVLVGYAKGGLGDNHVHSSFIYRRLRNHERR  
 EIQREILSILGLPHRPRPFSPGKQASSAPLFMLDLYNAMTNEENPEESEYS  
 VRASLAEETRGRARKGYASPNGYPRRIQLSRTTPLTTQSPPLASLHDTN  
 FLNDADMVMSFVNLVERDKDFSHQRRHYKEFRFDLTQIPHGEAVTAAEF  
 RIYKDRSNNRFENETIKISIQIKEYTNRDADLFLLDTRKAQALDVGWLVF  
 DITVTSNHWWINPQNNLGLQLCAETGDGRSINVKASAGLVGRQGPQSKQP  
 FMVAFFKASEVLLRSVRAANKRKNQNRNKSSSHQDSSRMSSVGDYNTS  
 EQKQACKKHELIVSFRDLGWQDWIAPEGYAAFYCDGECSEFPLNAHMN  
 ATNHAIQTLVHLMFPDHVPKCCAPTCLNAISVLYFDDSSNVILKKYRNM  
 VVRSCGCH

**Host:** Mouse

**Reactivity:** Human

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

**Storage Buffer:** No additive

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

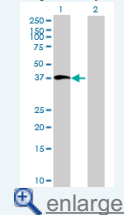
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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

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

### Application Image

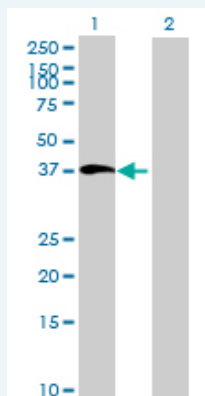
Western Blot (Transfected lysate)



[enlarge](#)

### Applications

Western Blot (Transfected lysate)



Western Blot analysis of BMP5 expression in transfected 293T cell line (H00000653-T01) by BMP5 MaxPab polyclonal antibody.

Lane 1: BMP5 transfected lysate(49.94 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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## Gene Information

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

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

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

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**Gene Name:** BMP5

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**Gene Alias:** MGC34244

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**Gene  
Description:** bone morphogenetic protein 5

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

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

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**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]

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**Other  
Designations:** OTTHUMP00000016650

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## Gene Pathway

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

## Related Disease

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

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