



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## BMPR2 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000659-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human BMPR2 protein.

**Immunogen:** BMPR2 (NP\_001195.2, 1 a.a. ~ 1038 a.a) full-length human protein.

**Sequence:**  
 MTSSLQRPWRVPWLPWTILLVSTAAASQNQERLCAFKDPYQQDLGIGE  
 SRISHENGTILCSKGSTCYGLWEKSKGDINLVKQGCWSHIGDPQECHYEE  
 CVVTTTTPPSIQNGTYRFCCCSTDLCNVNFTENFPPDTPPLSPPHSFN  
 RDETHIALASVSLAVLIVALCFGYRMLTGDRKQGLHSMNMMEEAAASEPSL  
 DLNLLKLELIGRGRYGAVYKGSlderPVAVKVFsfANRQNFINEKNYRV  
 PLMEHDNIARFIVGDERVTADGRMEYLLVMEYYPNGSLCKYLSLHTSDW  
 VSSCRLAHSVTRGLAYLHTELPRGDHYKPAISHRDLNSRNVLVKNdGTCV  
 ISDFGLSMRLTGNRLVRPGEEDNAAISEVGTIRYMAPEVLEGAVNLRDCE  
 SALKQVDMYALGLIYWEIFMRCTDLFPGESVPEYQMAFQTEVGNHPTFE  
 DMQVLSREKQRPKFPEAWKENS LAVRSLKETIEDCWDDAEARLTAQ  
 CAERMAELMMIWERNKSVSPTVNPMTAMQNERNLShNRRVPKIGPYP  
 DYSSSSYIEDSIHHTDSIVKNISSEHMSSTPLTIGEKNRNSINyerQQAQA  
 RIPSPETSVTSLSTNTTTTNTTGLTPSTGMTTISEMPYPDETnlHTTNVA  
 QSIGPTPVCLQLTEEDLETNKLDPKEVDKnlKESSDENLMEHSLKQFSGP  
 DPLSSTSSLLYPLIKLAVEATGQQDFTQTANGQAclIPDVLPTQIYPLPK  
 QQNLPKRPTSLPLNtKNSTKEPRLKFGSKHksNLKQVETGVAKMNTINAA  
 EPHVVTVMNGVAGRnHsvNSHAATTQYANGTVLsgQTTNIVThRAQEM  
 LQNQFIGEDTRLNINSSPDEHEPLLRREQQAGHDEGLDRLVDRRERPL  
 EGGRTNSNNNSNPCSEQDVLAQGVpSTAADPGPSKPRRAQRPNsLDL  
 SATNVLDGSSIQIGESTQDGKSGSGEKIKKRVKTPYSLKRWrpSTWwIST  
 ESLDCEVNNNGSNRAVHskSSTAVYLAEGGTATTMVskDIGMNCL

**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](#)

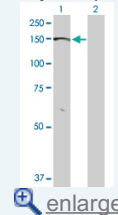
**Datasheet:** [Download](#)

### Applications

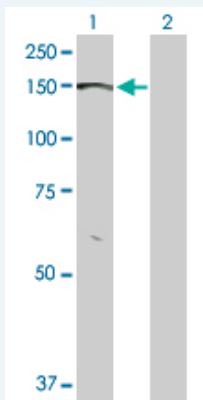
**Western Blot (Transfected lysate)**

### Application Image

Western Blot (Transfected lysate)



[enlarge](#)



Western Blot analysis of BMPR2 expression in transfected 293T cell line ([H00000659-T02](#)) by BMPR2 MaxPab polyclonal antibody.

Lane 1: BMPR2 transfected lysate(115.20 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [659](#)

**GeneBank Accession#:** [NM\\_001204.5](#)

**Protein Accession#:** [NP\\_001195.2](#)

**Gene Name:** BMPR2

**Gene Alias:** BMPR-II,BMPR3,BMR2,BRK-3,FLJ41585,FLJ76945,PPH1,T-ALK

**Gene Description:** bone morphogenetic protein receptor, type II (serine/threonine kinase)

**Omim ID:** [178600](#), [265450](#), [600799](#)

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

**Gene Summary:** This gene encodes a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs, which are members of the TGF-beta superfamily. BMPs are involved in endochondral bone formation and embryogenesis. These proteins transduce their signals through the formation of heteromeric complexes of two different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding. Mutations in this gene have been associated with primary pulmonary hypertension, both familial and fenfluramine-associated, and with pulmonary venoocclusive disease. [provided by RefSeq]

**Other Designations:** BMP type II receptor,bone morphogenetic protein receptor type II,bone morphogenetic protein receptor type-2,primary pulmonary hypertension 1,serine/threonine kinase,type II activin receptor-like kinase,type II receptor for bone morphogenetic protein-4

## Gene Pathway

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

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