



# 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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## BBS4 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000585-D01P

規格 : [ 100 ug ]

List All

### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human BBS4 protein.

**Immunogen:** BBS4 (NP\_149017.2, 1 a.a. ~ 519 a.a) full-length human protein.

**Sequence:**  
 MAEERVATRTQFPVSTESQKPRQKKAPEFFILEKQNWLIHLHYIRKDYEA  
 CKAVIKEQLQETQGLCEYAIYVQALIFRLEGNIQESLELFQTCAVLSPQSA  
 DNLKQVARSLFLLGKHKAAIEVYNEAAKLNQKDWEISHNLGVCYIYLKQFN  
 KAQDQLHNALNLRHDLTYIMLGKIHLLLEGDLDKAIEVYKKAVEFSPENTE  
 LLTTLGLLYLQLGIYQKAFEHLGNALTYDPTNYKAILAAGSMMQTHGDFD  
 VALTKYRVVACAVPESPLLWNNIGMCFFGKKKYVAISCLKRANYLAPFD  
 WKILYNLGLVHLLTMQQYASAFHFLSAAINFQPKMGELYMLLAVALTNLEDI  
 ENAKRAYAEAVHLDKCNPLVNLNYAVLLYNQGEKKNALAQYQEMEKKVS  
 LLKDNSSLEFDSEMVEMAQKLGALQVGEALVWTKPKVDPKSKHQTTST  
 TSKPASFQQPLGSNQALGQAMSSAAAYRTLPSGAGGTSQFTKPPSLPL  
 EPEPAVESSPTETSEQIREK

**Host:** Rabbit

**Reactivity:** Human, Mouse

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

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

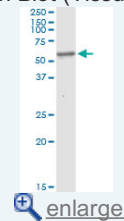
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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

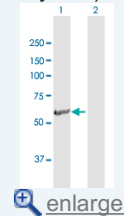
**Datasheet:**  [Download](#)

### Application Image

Western Blot (Tissue lysate)

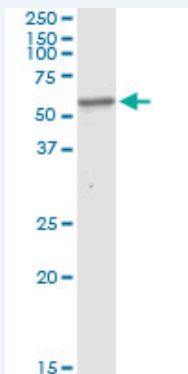


Western Blot (Transfected lysate)




### Applications

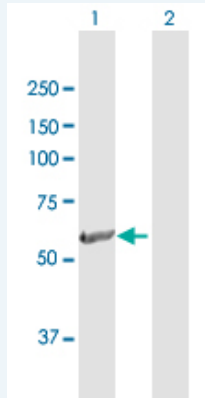
Western Blot (Tissue lysate)



BBS4 MaxPab rabbit polyclonal antibody. Western Blot analysis of BBS4 expression in mouse liver.

 [Protocol Download](#)

## Western Blot (Transfected lysate)



Western Blot analysis of BBS4 expression in transfected 293T cell line ([H00000585-T01](#)) by BBS4 MaxPab polyclonal antibody.

Lane 1: BBS4 transfected lysate (58.30 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

## Gene Information

Entrez GeneID: [585](#)

GeneBank [NM\\_033028.2](#)  
Accession#:

Protein [NP\\_149017.2](#)  
Accession#:

Gene Name: BBS4

Gene Alias: -

Gene [Bardet-Biedl syndrome 4](#)  
Description:

Omim ID: [209900](#), [600374](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene is a member of the Bardet-Biedl syndrome (BBS) gene family. Bardet-Biedl syndrome is an autosomal recessive disorder characterized by severe pigmentary retinopathy, obesity, polydactyly, renal malformation and mental retardation. The proteins encoded by BBS gene family members are structurally diverse. The similar phenotypes exhibited by mutations in BBS gene family members are likely due to the protein's shared roles in cilia formation and function. Many BBS proteins localize to the basal bodies, ciliary axonemes, and pericentriolar regions of cells. BBS proteins may also be involved in intracellular trafficking via microtubule-related transport. The protein encoded by this gene has sequence similarity to O-linked N-acetylglucosamine (O-GlcNAc) transferases in plants and archaeobacteria and in human forms a multi-protein "BBSome" complex with six other BBS proteins. Alternative splice variants have been described but their predicted protein products have not been experimentally verified

Other [-](#)  
Designations:

## Related Disease

[Bardet-Biedl Syndrome](#) [Obesity](#) [Obesity](#) [Retinal Diseases](#) [Tobacco Use Disorder](#)

