

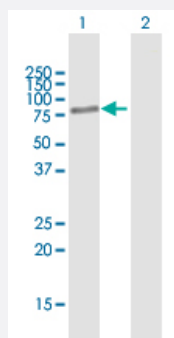
MaxPab®

BBS2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000583-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of BBS2 expression in transfected 293T cell line ([H00000583-T01](#)) by BBS2 MaxPab polyclonal antibody.

Lane 1: BBS2 transfected lysate (79.31 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human BBS2 protein.

Immunogen

BBS2 (AAH14140.1, 1 a.a. ~ 721 a.a) full-length human protein.

Sequence

MLLPVFTLKL RHKISPRMVAIGRYDGHPCLA AATQTGKVFIHNP HTRNQHV SASRVFQSPLESDV
SLLNINQAVSCLTAGVLNPELG YDALLVGTQTNLLAYDVYNNSDLFYREVADGANVVVLGTLGDIS
SPLAIGGN CALQGFNHEGS DLFWTVTGDNVNSLALCDFDGDGK KELLVGSEDFDIRVFKED EIV
AEMTETEIVTSLCPMYGSRFGYALSNGTVGVYDKTSRYWRIKSKNHAMSIHAFDLNSDGVNELITG
WSNGKVDARS DRTGEVIFKDNFSSA IAGVVEGDYRMDGHIQLICCSVDGEIRGYLPGTAEMRGNL
MDTSAEQDLIRELSQKKQNLLLELRNYEENAKAELASPLNEADGHRGIIPANTRLHTLSVSLGNET
QTAHTEL RISTSNDTIIRAVLIFAEGIFTGESHVHPSIHNLSSSICIPVPPKDPVVDLHLKAFVGYRSS
TQFHFVFESTRQLPRFSMYALTSLDPASEPISYVNF TIAERAQRV VVWL GQNFLLPEDTHIQNAPFQ
VCFTSLRNGGHLHIKILSGEITINTDDIDLAGDIQSMASFFAIEDLQVEADFPVYFEELRKVLVKVD
EYHSVHQKLSAD MADHSNLIRSLLVGAEDARLMRDMKTMKSRYMELYDLNRDLLNGYKIRCNNHT
ELLGNLKAVNQAIQRAGRLRVGKPKNQVITACRDAIRSNNINTL FKIMRVGTASS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (90); Rat (90)

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.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — BBS2

Entrez GeneID	583
GeneBank Accession#	BC014140.2
Protein Accession#	AAH14140.1
Gene Name	BBS2
Gene Alias	BBS, MGC20703
Gene Description	Bardet-Biedl syndrome 2
Omim ID	209900 606151
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 and the similar phenotypes exhibited by mutations in BBS gene family members is likely due to their 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 forms a multiprotein BBSome complex with six other BBS proteins

Other Designations

Bardet-Biedl syndrome 2 protein

Disease

- [Bardet-Biedl Syndrome](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Obesity](#)
- [Retinal Diseases](#)