

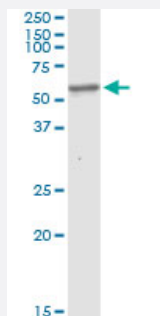
MaxPab®

BBS4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000585-D01P

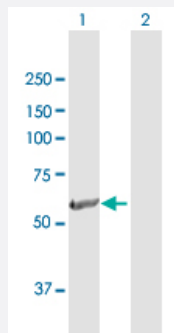
Size 100 ug

Applications



Western Blot (Tissue lysate)

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



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.

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

MAEERVATRTQFPVSTESQKPRQKKAPEFPPILEKQNWLIHLHYRKDYEAACKAVIKEQLQETQGLC
EYAIYQALIFRLEGNIQESLELFQTCAVLSPQSADNLKQVARSLFLLGKHAAIEVYNEAAKLNQK
DWEISHNLGVCYYLKQFNKAQDQLHNALNLRHDLTYIMLGKIHLLLEGDLDKAIEVYKKAVEFSPE
NTELLTTLGLLYLQLGIYQKAFEHLGNALTYDPTNYKAILAAGSMMQTHGDFDVALTKYRVVACAVP
ESPPLWNNIGMCFFGKKKYVAAISCLKRANYLAPFDWKILYNLGLVHLMQYASAFHFLSAAINF
QPKMGELYMLLAVALTNLEDIENAKRAYAEAVHLDKCNPLVNLNYAVLLYNQGEKKNALAQYQEM
EKKVSLKDNSSLEFDSEMVEMAQKLGAALQVGEALVWTKPVKDPKSKHQTSTSTSKPASFQQP
LGSNQALGQAMSSAAAYRTLPSGAGGTSQFTKPPSLPEPEPAVESSPTETSEQIREK

Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (89); Rat (89)
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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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Gene Info — BBS4

Entrez GeneID	585
GeneBank Accession#	NM_033028.2
Protein Accession#	NP_149017.2
Gene Name	BBS4
Gene Alias	-
Gene Description	Bardet-Biedl syndrome 4
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

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Disease

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