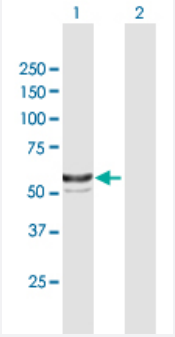
MaxPab®

BBS4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000585-B01P Size 50 ug

Applications



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(57.09 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	MAEERVATRTQFPVSTESQKPRQKKAPEFPILEKQNWLIHLHYIRKDYEACKAVIKEQLQETQGLC EYAIYVQALIFRLEGNIQESLELFQTCAVLSPQSADNLKQVARSLFLLGKHKAAIEVYNEAAKLNQK DWEISHNLGVCYIYLKQFNKAQDQLHNALNLNRHDLTYIMLGKIHLLEGDLDKAIEVYKKAVEFSPE NTELLTTLGLLYLQLGIYQKAFEHLGNALTYDPTNYKAILAAGSMMQTHGDFDVALTKYRVVVACAVP ESPPLWNNIGMCFFGKKKYVAAISCLKRANYLAPFDWKILYNLGLVHLTMQQYASAFHFLSAAINF QPKMGELYMLLAVALTNLEDIENAKRAYAEAVHLDKCNPLVNLNYAVLLYNQGEKKNALAQYQEM EKKVSLLKDNSSLEFDSEMVEMAQKLGAALQVGEALVWTKPVKDPKSKHQTTSTSKPASFQQP LGSNQALGQAMSSAAAYRTLPSGAGGTSQFTKPPSLPLEPEPAVESSPTETSEQIREK
Host	Mouse
Reactivity	Human
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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  Protocol Download

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, poly dactyly, renal malformation and mental retardation. The proteins encoded by BBS gene family me mbers 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 pro teins localize to the basal bodies, ciliary axonemes, and pericentriolar regions of cells. BBS prote ins may also be involved in intracellular trafficking via microtubule-related transport. The protein en coded by this gene has sequence similarity to O-linked N-acetylglucosamine (O-GlcNAc) transfer ases in plants and archaebacteria and in human forms a multi-protein "BBSome" complex with si x other BBS proteins. Alternative splice variants have been described but their predicted protein products have not been experimentally verified
Other Designations	-

Disease

- Bardet-Biedl Syndrome
- Obesity
- Retinal Diseases
- Tobacco Use Disorder