



## Anti-BBS9 (full length) polyclonal antibody (DPABH-06901)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	The BBSome complex is required for ciliogenesis but is dispensable for centriolar satellite function. This ciliogenic function is mediated in part by the Rab8 GDP/GTP exchange factor, which localizes to the basal body and contacts the BBSome. Rab8(GTP) enters the primary cilium and promotes extension of the ciliary membrane. Firstly the BBSome associates with the ciliary membrane and binds to RAB3IP/Rabin8, the guanosyl exchange factor (GEF) for Rab8 and then the Rab8-GTP localizes to the cilium and promotes docking and fusion of carrier vesicles to the base of the ciliary membrane.
<b>Immunogen</b>	Full length protein, corresponding to amino acids 1-310 of Human BBS9 (AAH32715.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.20; Constituent: 99% PBS
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

## GENE INFORMATION

Gene Name	<a href="#">BBS9 Bardet-Biedl syndrome 10 [ Homo sapiens ]</a>
Official Symbol	BBS9
Synonyms	BBS9; Bardet-Biedl syndrome 9; B1; D1; C18; PTHB1; protein PTHB1; bardet-Biedl syndrome 9 protein; PTH-responsive osteosarcoma B1 protein; parathyroid hormone-responsive B1 gene protein;
Entrez Gene ID	<a href="#">27241</a>
Protein Refseq	<a href="#">NP_001028776.1</a>
UniProt ID	<a href="#">Q3SYG4</a>
Function	molecular_function; protein binding;