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Datasheet for ABIN7165998

**anti-BBS9 antibody (AA 8-185) (Biotin)**

## Overview

Quantity:	100 µg
Target:	BBS9
Binding Specificity:	AA 8-185
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BBS9 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Protein PTHB1 protein (8-185AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	BBS9
Alternative Name:	BBS9 ( <a href="#">BBS9 Products</a> )
Background:	Background: The BBSome complex is thought to function as a coat complex required for sorting of specific membrane proteins to the primary cilia. The BBSome complex is required for

## Target Details

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. Required for proper BBSome complex assembly and its ciliary localization.

Aliases: B1 antibody, Bardet Biedl syndrome 9 antibody, Bardet-Biedl syndrome 9 protein antibody, bbs9 antibody, C18 antibody, D1 antibody, MGC118917 antibody, OTTHUMP00000158833 antibody, OTTHUMP00000202918 antibody, OTTHUMP00000202919 antibody, OTTHUMP00000202920 antibody, Parathyroid hormone-responsive B1 gene protein antibody, Protein PTHB1 antibody, PTH-responsive osteosarcoma B1 protein antibody, PTHB1 antibody, PTHB1\_HUMAN antibody

UniProt: [Q3SYG4](#)

Pathways: [Hedgehog Signaling](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.