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anti-BBS9 antibody (AA 244-320) (AbBy Fluor® 488)



Overview	
Quantity:	100 μL
Target:	BBS9
Binding Specificity:	AA 244-320
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BBS9 antibody is conjugated to AbBy Fluor® 488
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))
Product Details	
Immunogen:	KLH conjugated synthetic peptide derived from human BBS9
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	BBS9
Alternative Name:	BBS9 (BBS9 Products)

Target Details

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Background:	Synonyms: B1, D1, C18, PTHB1, Protein PTHB1, Bardet-Biedl syndrome 9 protein, Parathyroid		
	hormone-responsive B1 gene protein, BBS9		
	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		
	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.		
Gene ID:	27241		
UniProt:	Q3SYG4		
Pathways:	Hedgehog Signaling		
Application Details			
Application Notes:	IF(IHC-P) 1:50-200		
	IF(IHC-F) 1:50-200		
	IF(ICC) 1:50-200		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 μg/μL		
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and		
	50 % Glycerol.		
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		
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.		

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Expiry Date:

12 months