Datasheet for ABIN7145232

anti-BBS1 antibody (AA 217-417) (Biotin)

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Overview

Quantity:	100 µg
Target:	BBS1
Binding Specificity:	AA 217-417
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BBS1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Bardet-Biedl syndrome 1 protein (217-417AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	BBS1
Alternative Name:	BBS1 (BBS1 Products)
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. The BBSome complex, together with the LTZL1, controls SMO ciliary trafficking and contributes to the sonic hedgehog (SHH) pathway regulation. Required for proper BBSome complex assembly and its ciliary localization. Aliases: AI451249 antibody, Bardet-Biedl syndrome 1 antibody, Bardet-Biedl syndrome 1 homolog antibody, Bardet-Biedl syndrome 1 protein antibody, BBS1 antibody, BBS1_HUMAN antibody, BBS2-like protein 2 antibody, BBS2L2 antibody, D19Ertd609e antibody
UniProt:	Q8NFJ9
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.