

Datasheet for ABIN1387812
anti-BBS9 antibody (AA 244-320)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	BBS9
Binding Specificity:	AA 244-320
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BBS9 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

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
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Target Details

Alternative Name:	BBS9 (BBS9 Products)
Background:	<p>Synonyms: B1, D1, C18, PTHB1, Protein PTHB1, Bardet-Biedl syndrome 9 protein, Parathyroid hormone-responsive B1 gene protein, BBS9</p> <p>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.</p>
Gene ID:	27241
UniProt:	Q3SYG4
Pathways:	Hedgehog Signaling

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

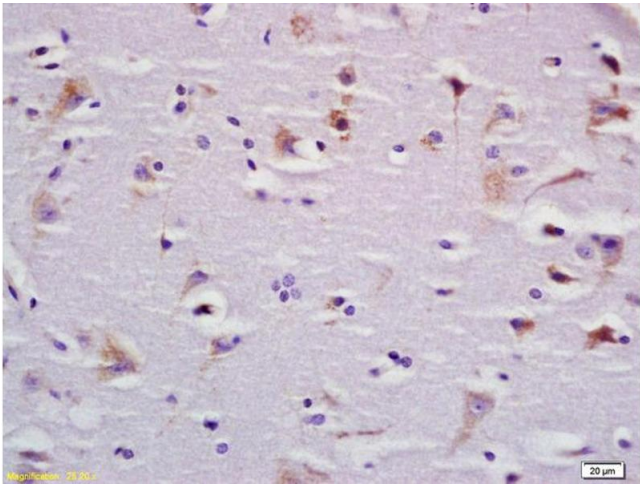
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-BBS9 Polyclonal Antibody, Unconjugated (ABIN1387812) at 1:200 followed by conjugation to the secondary antibody and DAB staining