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anti-BBS10 antibody (C-Term)





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Overview	
Quantity:	400 μL
Target:	BBS10
Binding Specificity:	AA 515-544, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BBS10 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This BBS10 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 515-544 amino acids from the C-terminal region of human BBS10.
Clone:	RB24715
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	BBS10
Alternative Name:	BBS10 (BBS10 Products)
Background:	BBS10 is a member of the Bardet-Biedl syndrome (BBS) gene family. Bardet-Biedl syndrome is

an autosomal recessive disorder characterized by progressive retinal degeneration, obesity, polydactyly, renal malformation and mental retardation. The proteins encoded by BBS gene family members are structurally diverse and the similar phenotypes exhibited by mutations in BBS gene family members is likely due to their shared roles in cilia formation and function. Many BBS proteins localize to the basal bodies, ciliary axonemes, and pericentriolar regions of cells. BBS proteins may also be involved in intracellular trafficking via microtubule-related transport. The protein encoded by this gene is likely not a ciliary protein but rather has distant sequence homology to type II chaperonins. As a molecular chaperone, this protein may affect the folding or stability of other ciliary or basal body proteins. Inhibition of this protein's expression impairs ciliogenesis in preadipocytes.

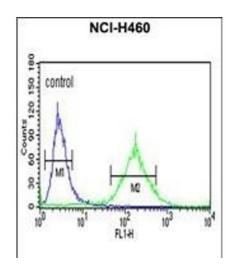
Molecular Weight:	80838
Gene ID:	79738
NCBI Accession:	NP_078961
UniProt:	Q8TAM1

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

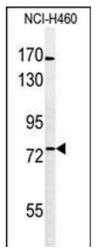
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. BBS10 Antibody (C-term) (ABIN651074 and ABIN2840061) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of BBS10 Antibody (C-term) (ABIN651074 and ABIN2840061) in NCI- cell line lysates (35 μ g/lane). BBS10 (arrow) was detected using the purified Pab.