Datasheet for ABIN1409600

anti-BBS10 antibody (AA 51-130) (HRP)

Go to Product page

Overview

Quantity:	100 µL
Target:	BBS10
Binding Specificity:	AA 51-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BBS10 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BBS10
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	BBS10
Alternative Name:	BBS10 (BBS10 Products)
Background:	Synonyms: Bardet Biedl syndrome 10 protein, Bardet Biedl syndrome 10 protein homolog,

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Target Details

C12orf58, FLJ23560, RGD1560748, BBS10_HUMAN.

Background: Bardet-Biedl syndrome (BBS) is a pleiotropic genetic disorder characterized by obesity, photoreceptor degeneration, polydactyly, hypogenitalism, renal abnormalities, and developmental delay. Other associated clinical findings in BBS patients include diabetes, hypertension, and congenital heart defects. BBS genes map to multiple loci and encode fourteen proteins, BBS1-BBS14. Many BBS genes encode basal body or cilia proteins, suggesting that BBS is a ciliary dysfunction disorder. BBS10 (Bardet-Biedl syndrome 10), also known as chromosome 12 open reading fame 58, C12orf58 or FLJ23560, is a novel 723 amino acid protein belonging to the TCP-1 chaperonin family. BBS10 localizes to the basal body of primary cilium and assists in protein folding upon ATP hydrolysis. Inhibition of BBS10 has been found to impair ciliogenesis, activate the glycogen synthase kinase 3 pathway and cause peroxisome proliferator-activated receptor nuclear accumulation. The gene encoding BBS10 contains two exons and maps to human chromosome 12q21.2.

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Handling

Expiry Date:	12 months

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