

Datasheet for ABIN6137466  
**anti-BBS10 antibody (AA 474-723)**



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1 Image

## Overview

Quantity:	100 µL
Target:	BBS10
Binding Specificity:	AA 474-723
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BBS10 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 474-723 of human BBS10 (NP_078961.3).
Sequence:	AENKDALEKT QTYLKVHSNL VIPDVELETY IPYSTPTLTP TDTFQTVETL TCLSLERNRL TDYYEPLLKN NSTAYSTRGN RIEISYENLQ VTNITRKGSM LPVSCKLPNM GTSQSYLSSS MPAGCVLPVG GNFEILLHYY LLNYAKKCHQ SEETMVSMII ANALLGIPKV LYKSKTGKYS FPHTYIRAVH ALQTNQPLVS SQTGLESVMG KYQLLTSVLQ CLTKILTIDM VITVKRHPQK VHNQDSEDEL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	BBS10
Alternative Name:	BBS10 ( <a href="#">BBS10 Products</a> )
Background:	<p>This gene 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. Mutations in this gene cause Bardet-Biedl syndrome type 10.,BBS10,C12orf58,Epigenetics &amp; Nuclear Signaling,Transcription Factors,Neuroscience,BBS10</p>
Molecular Weight:	80 kDa
Gene ID:	79738
UniProt:	<a href="#">Q8TAM1</a>

## Application Details

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Application Notes:	WB,1:200 - 1:3000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

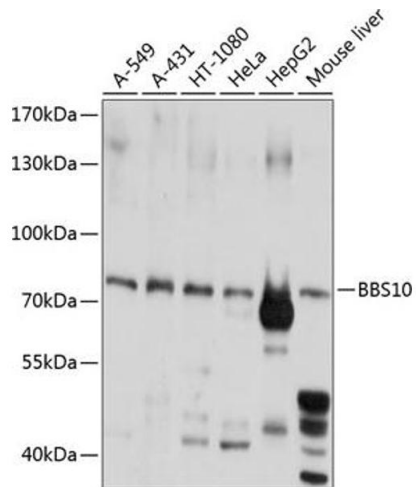
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

## Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using BBS10 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.