

Datasheet for ABIN2774032
anti-BBS5 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	BBS5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BBS5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human BBS5
Sequence:	VEIDSDGHTD AFVAYFADGN KQQDREPVFS EELGLAIEKL KDGFTLQGLW
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against BBS5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	BBS5
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Target Details

Alternative Name:	BBS5 (BBS5 Products)
Background:	<p>BBS5 is a protein that has been directly linked to Bardet-Biedl syndrome. The primary features of this syndrome include retinal dystrophy, obesity, polydactyly, renal abnormalities and learning disabilities. Experimentation in non-human eukaryotes suggests that this gene is expressed in ciliated cells and that it is required for the formation of cilia. This gene encodes a protein that has been directly linked to Bardet-Biedl syndrome. The primary features of this syndrome include retinal dystrophy, obesity, polydactyly, renal abnormalities and learning disabilities. Experimentation in non-human eukaryotes suggests that this gene is expressed in ciliated cells and that it is required for the formation of cilia. Alternate transcriptional splice variants have been observed but have not been fully characterized.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: KLC3, CRADD,</p> <p>Protein Size: 341</p>
Molecular Weight:	39 kDa
Gene ID:	129880
NCBI Accession:	NM_152384 , NP_689597
UniProt:	Q8N3I7
Pathways:	Hedgehog Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 341 AA
Restrictions:	For Research Use only

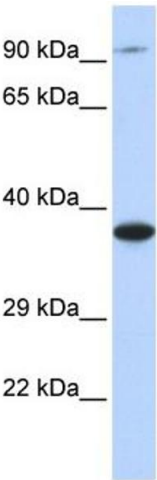
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-BBS5 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: 293T cell lysate