

Rabbit BBS4 Polyclonal Antibody | anti-BBS4 antibody

BBS4 antibody - N-terminal region

CATALOG # AAA200726	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

BBS4; Polyclonal Antibody; BBS4 antibody - N-terminal region; anti-BBS4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: YV QALIFRLEGN IQESLELFQT CAVLSPQSAD NLKQVARSLF LLGKHKAA
Sequence Length	519
Applicable Applications for anti-BBS4 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human BBS4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-BBS4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate


WB (Western Blot)

Host: Rabbit
Target Name: BBS4
Sample Type: Human Fetal Heart
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-BBS4 antibody	This is a rabbit polyclonal antibody against BBS4. It was validated on Western Blot Target Description: This gene is a member of the Bardet-Biedl syndrome (BBS) gene family. Bardet-Biedl syndrome is an autosomal recessive disorder characterized by severe pigmentary retinopathy, obesity, polydactyly, renal malformation and mental retardation. The proteins encoded by BBS gene family members are structurally diverse. The similar phenotypes exhibited by mutations in BBS gene family members are likely due to the protein's 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 has sequence similarity to O-linked N-acetylglucosamine (O-GlcNAc) transferases in plants and archaeobacteria and in human forms a multi-protein "BBSome" complex with six other BBS proteins. Alternative splice variants have been described but their predicted protein products have not been experimentally verified.
Product Categories/Family for anti-BBS4 antibody	Polyclonal; Drugs and Drug Metabolism; Membrane & Traffic; Disease Related; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952122
NCBI GeneID	585
NCBI Accession #	NP_149017
NCBI GenBank Nucleotide #	NM_033028
UniProt Accession #	Q96RK4
Molecular Weight	58kDa
NCBI Official Full Name	Bardet-Biedl syndrome 4 protein isoform 1
NCBI Official Synonym Full Names	Bardet-Biedl syndrome 4
NCBI Official Symbol	BBS4
NCBI Protein Information	Bardet-Biedl syndrome 4 protein
UniProt Protein Name	Bardet-Biedl syndrome 4 protein
UniProt Gene Name	BBS4
UniProt Entry Name	BBS4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.