

Rabbit anti-Human BBS4 Polyclonal Antibody | anti-BBS4 antibody

BBS4 Antibody (Center)

CATALOG # AAA287558	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

BBS4; Polyclonal Antibody; BBS4 Antibody (Center); Bardet-Biedl syndrome 4 protein; anti-BBS4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BBS4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 337-369 amino acids from the Central region of human BBS4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	337-369
Sequence Length	347
Applicable Applications for anti-BBS4 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of BBS4 Antibody (Center) Pab pre-incubated without (lane 1) and with (lane 2) blocking peptide in A549 cell line lysate. BBS4 Antibody (Center) (arrow) was detected using the purified Pab.



WB (Western Blot)

Western blot analysis of BBS4 (arrow) using rabbit polyclonal BBS4 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the BBS4 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-BBS4 antibody	BBS4 contains tetratricopeptide repeats (TPR), similar to O-linked N-acetylglucosamine transferase. Mutations in the gene encoding this protein have been observed in patients with Bardet-Biedl syndrome type 4. BBS4 may play a role in pigmentary retinopathy, obesity, polydactyly, renal malformation and mental retardation.
Product Categories/Family for anti-BBS4 antibody	Metabolism; Neuroscience
References	Nachury,M.V.,Cell 129 (6), 1201-1213 (2007) Ye,X.,DNA Seq. 15 (3), 213-218 (2004) Kim,J.C.,Nat. Genet. 36 (5), 462-470 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	358248275
NCBI GeneID	585
NCBI Accession #	NP_001239607.1; NP_149017.2
NCBI GenBank Nucleotide #	NM_001252678.1
UniProt Accession #	Q96RK4; Q53DZ5; Q8NHU9; Q96H45; B4E178
Molecular Weight	58282
NCBI Official Full Name	Bardet-Biedl syndrome 4 protein isoform 2
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.