

**AP14206PU-N****Polyclonal Antibody to BBS4 (Center) - Purified**

<b>Alternate names:</b>	Bardet-Biedl syndrome 4 protein
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">Q96RK4</a>
<b>NCBI:</b>	<a href="#">9606</a>
<b>GeneID:</b>	<a href="#">585</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the Center region of human BBS4.
<b>Format:</b>	<b>State:</b> Liquid purified Ig <b>Purification:</b> Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS <b>Buffer System:</b> PBS with 0.09% (W/V) sodium azide
<b>Applications:</b>	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to BBS4. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>Caution:</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
<b>General Readings:</b>	1. Nachury, M.V., Cell 129 (6), 1201-1213 (2007) 2. Ye, X., DNA Seq. 15 (3), 213-218 (2004) 3. Kim, J.C., Nat. Genet. 36 (5), 462-470 (2004)

## Pictures:

Western blot analysis of anti-BBS4 Pab in Hela cell line lysates (35ug/lane). BBS4 (arrow) was detected using the purified Pab (1:60 dilution).

