

Product datasheet for **TA342724**

BBS2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-BBS2 antibody: synthetic peptide directed towards the middle region of human BBS2. Synthetic peptide located within the following region: RGYLPGTAEMRGNLMDTSAEQDLIRELSQKKQNLLELRNYEENAKAELA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	80 kDa
Gene Name:	Bardet-Biedl syndrome 2
Database Link:	NP_114091 Entrez Gene 583 Human Q9BXC9



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Background:

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 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 forms a multiprotein BBSome complex with six other BBS proteins.

Synonyms:

BBS

Note:

Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Pig: 93%; Guinea pig: 93%; Mouse: 86%

Protein Families:

Druggable Genome

Product images:

WB Suggested Anti-BBS2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: COLO205 cell lysate