

Rabbit anti-Human, Mouse BBS2 Polyclonal Antibody | anti-BBS2 antibody

BBS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232098	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

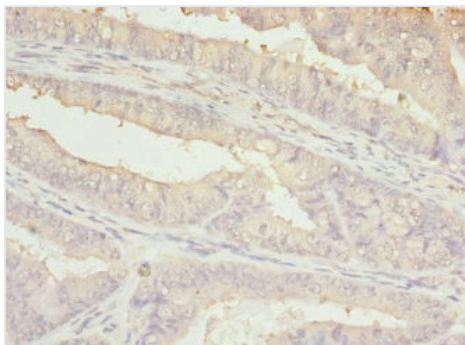
PRODUCT SYNONYMS

BBS2; Polyclonal Antibody; BBS2 Antibody; Bardet-Biedl syndrome 2 protein; anti-BBS2 antibody

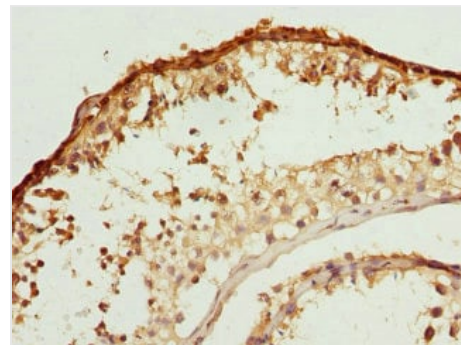
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	721
Applicable Applications for anti-BBS2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Bardet-Biedl syndrome 2 protein (N-96AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-49381 / sc-49384 / sc-99057
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

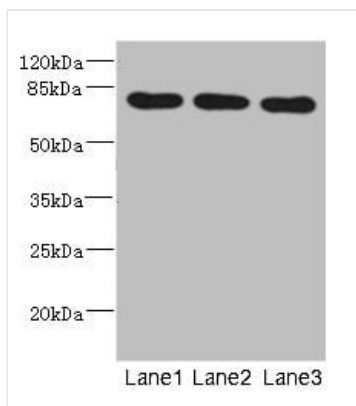
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human endometrial cancer using AAA232098 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human testis tissue using AAA232098 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: BBS2 antibody at 5.01ug/mlLane 1: Mouse liver tissueLane 2: Mouse brain tissueLane 3: Mouse gonadal tissueGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 80 kDaObserved band size: 80 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-BBS2 antibody

The BBSome complex is thought to function as a coat complex required for sorting of specific membrane proteins to the primary cilia. The BBSome complex is required for ciliogenesis but is dispensable for centriolar satellite function. This ciliogenic function is mediated in part by the Rab8 GDP/GTP exchange factor, which localizes to the basal body and contacts the BBSome. Rab8(GTP) enters the primary cilium and promotes extension of the ciliary membrane. Firstly the BBSome associates with the ciliary membrane and binds to RAB3IP/Rabin8, the guanosyl exchange factor (GEF) for Rab8 and then the Rab8-GTP localizes to the cilium and promotes docking and fusion of carrier vesicles to the base of the ciliary membrane. The BBSome complex, together with the LTZL1, controls SMO ciliary trafficking and contributes to the sonic hedgehog (SHH) pathway regulation. Required for proper BBSome complex assembly and its ciliary localization.

NCBI AND UNIPROT INFORMATION

NCBI GI #	219842319
NCBI GeneID	583
NCBI Accession #	NP_114091.3
NCBI GenBank Nucleotide #	NM_031885.3
UniProt Accession #	Q9BXC9; Q96CM0; Q96SN9
Molecular Weight	79,871 Da
NCBI Official Full Name	Bardet-Biedl syndrome 2 protein
NCBI Official Synonym Full Names	Bardet-Biedl syndrome 2
NCBI Official Symbol	BBS2
NCBI Official Synonym Symbols	BBS; RP74
NCBI Protein Information	Bardet-Biedl syndrome 2 protein
UniProt Protein Name	Bardet-Biedl syndrome 2 protein
UniProt Gene Name	BBS2
UniProt Entry Name	BBS2_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.