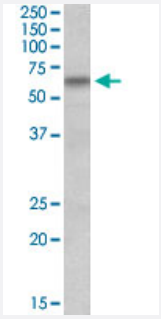
BBS4 polyclonal antibody

Catalog # PAB18993 Size 100 ug

Applications



Western Blot (Cell lysate)

BBS4 polyclonal antibody (Cat # PAB18993, 1 ug/mL) staining of HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of BBS4.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human BBS4.
Sequence	C-NEAAKLNQKDWEISH
Host	Goat
Theoretical MW (kDa)	60
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL in Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — BBS4

Entrez GeneID	585
Protein Accession#	NP_149017.2
Gene Name	BBS4
Gene Alias	-
Gene Description	Bardet-Biedl syndrome 4
Omim ID	209900 600374
Gene Ontology	Hyperlink
Gene Summary	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, poly dactyly, renal malformation and mental retardation. The proteins encoded by BBS gene family me mbers 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 pro teins localize to the basal bodies, ciliary axonemes, and pericentriolar regions of cells. BBS prote ins may also be involved in intracellular trafficking via microtubule-related transport. The protein en coded by this gene has sequence similarity to O-linked N-acetylglucosamine (O-GlcNAc) transfer ases in plants and archaebacteria and in human forms a multi-protein "BBSome" complex with si x other BBS proteins. Alternative splice variants have been described but their predicted protein products have not been experimentally verified
Other Designations	-

Disease

- Bardet-Biedl Syndrome
- Obesity
- Retinal Diseases
- Tobacco Use Disorder