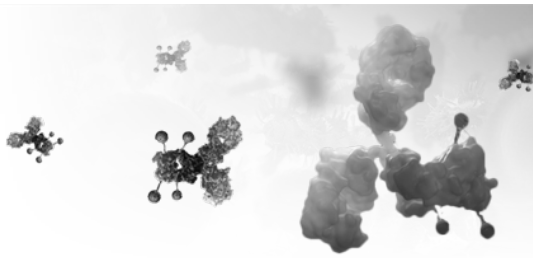

Anti-BBS4 (internal region) polyclonal antibody (DPAB-DC2642)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. The similar phenotypes exhibited by mutations in BBS gene family members are likely due to the proteins 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 has sequence similarity to O-linked N-acetylglucosamine (O-GlcNAc) transferases in plants and archaebacteria and in human forms a multi-protein "BBSome" complex with six other BBS proteins. Alternative splice variants have been described but their predicted protein products have not been experimentally verified.[provided by RefSeq, Jan 2009]
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human BBS4. The sequence is C-NEAAKLNQKDWEISH
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL

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Size	100 µg
Buffer	In 0.5 mg/mL in Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	BBS4 Bardet-Biedl syndrome 4 [Homo sapiens (human)]
Official Symbol	BBS4
Synonyms	BBS4; Bardet-Biedl syndrome 4; Bardet-Biedl syndrome 4 protein;
Entrez Gene ID	585
Protein Refseq	NP_001239607
UniProt ID	Q96RK4
Chromosome Location	15q22.3-q23
Function	RNA polymerase II repressing transcription factor binding; alpha-tubulin binding; beta-tubulin binding; dynactin binding

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