BBS4 Rabbit Polyclonal Antibody

CAB3759

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

53kDa

Calculated MW:

38kDa/58kDa/59kDa

Applications:

WB IF

Reactivity:

Human

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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. 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 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 seven other BBS proteins. Alternate splicing results in multiple transcript variants.

Immunogen information

Gene ID:
585

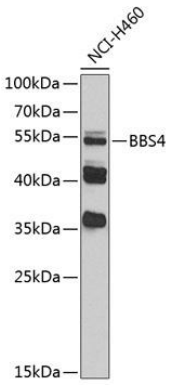
Uniprot
Q96RK4

Synonyms:
BBS4

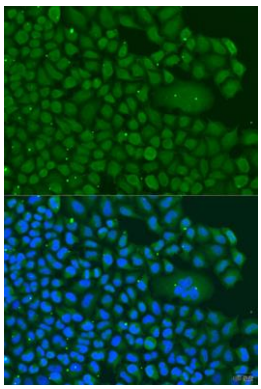
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 350-519 of human BBS4 (NP_149017.2).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of NCI-H460 cells, using BBS4 antibody (CAB3759) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunofluorescence analysis of U2OS cells using BBS4 antibody (CAB3759) at dilution of 1:100. Blue: DAPI for nuclear staining.

