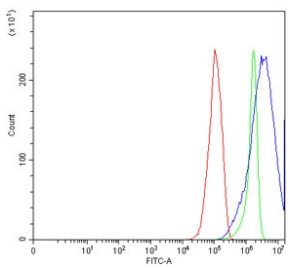
BBS8 Antibody / Bardet-Biedl syndrome 8 / TTC8 (RQ7211)

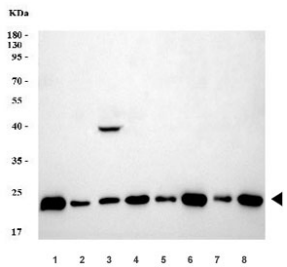
Catalog No.	Formulation	Size
RQ7211	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8TAM2
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This BBS8 antibody is available for research use only.



Flow cytometry testing of human RT4 cells with BBS8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= BBS8 antibody.



Western blot testing of 1) human SH-SY5Y, 2) human HeLa, 3) human T-47D, 4) human SiHa, 5) rat ovary, 6) rat PC-12, 7) mouse ovary and 8) mouse NIH 3T3 cell lysate with BBS8 antibody. Expected molecular weight: 55-62 kDa (multiple isoforms) + a ~29 kDa isoform.

Description

Tetratricopeptide repeat domain 8 (TTC8) also known as Bardet-Biedl syndrome 8 (BBS8) is a protein that in humans is encoded by the TTC8 gene. This gene encodes a protein that has been directly linked to Bardet-Biedl syndrome. The primary features of this syndrome include retinal dystrophy, obesity, polydactyly, renal abnormalities and learning disabilities. Experimentation in non-human eukaryotes suggests that this gene is expressed in ciliated cells and that it is involved in the formation of cilia. A mutation in this gene has also been implicated in nonsyndromic retinitis pigmentosa. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the BBS8 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids E271-Q533) was used as the immunogen for the BBS8 antibody.

Storage

After reconstitution, the BBS8 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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