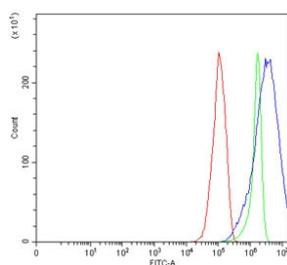


## BBS8 Antibody / Bardet-Biedl syndrome 8 / TTC8 (RQ7211)

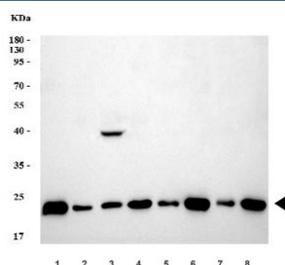
Catalog No.	Formulation	Size
RQ7211	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q8TAM2
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.