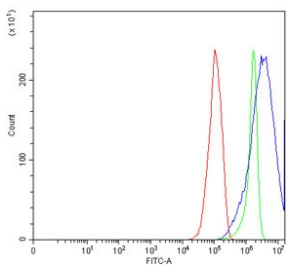
# BBS8 Antibody / Bardet-Biedl syndrome 8 / TTC8 (RQ7211)

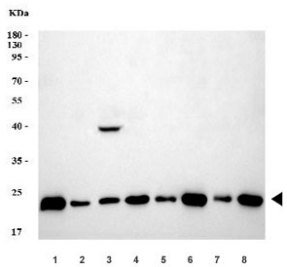
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ7211 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**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<br>Flow cytometry: 1-3ug/million cells<br>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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