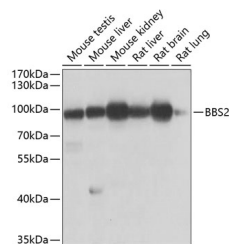


## BBS2 Polyclonal Antibody

|                     |   |                   |        |
|---------------------|---|-------------------|--------|
| <b>Catalog No.</b>  | E-AB-62011                                  | <b>Reactivity</b> | M,R    |
| <b>Storage</b>      | Store at -20°C. Avoid freeze / thaw cycles. | <b>Host</b>       | Rabbit |
| <b>Applications</b> | WB  | <b>Isotype</b>    | IgG    |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western blot analysis of extracts of various cell lines using BBS2 Polyclonal Antibody at dilution of 1:1000.

### Immunogen Information

|                  |   |
|------------------|---|
| <b>Immunogen</b> | Recombinant fusion protein of human BBS2 (NP_114091.3). |
| <b>GeneID</b>    | 583   |
| <b>Swissprot</b> | Q9BXC9  |
| <b>Synonyms</b>  | BBS2,BBS,RP74   |

### Product Information

|                      |   |
|----------------------|---|
| <b>Calculated MW</b> | 79kDa   |
| <b>Observed MW</b>   | 100kDa  |
| <b>Buffer</b>        | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| <b>Purify</b>        | Affinity purification                             |
| <b>Dilution</b>      | WB 1:500-1:2000                                   |

### 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 and the similar phenotypes exhibited by mutations in BBS gene family members is likely due to their 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 forms a multiprotein BBSome complex with seven other BBS proteins.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.