



# RGS22 Polyclonal Antibody

|                           |                                                                                                                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No                | BYab-06075                                                                                                                                                                                       |
| Isotype                   | IgG                                                                                                                                                                                              |
| Reactivity                | Human;Rat;Mouse;                                                                                                                                                                                 |
| Applications              | WB;ELISA                                                                                                                                                                                         |
| Gene Name                 | RGS22                                                                                                                                                                                            |
| Protein Name              | Regulator of G-protein signaling 22 (RGS22)                                                                                                                                                      |
| Immunogen                 | Synthesized peptide derived from human protein . at AA range: 320-400                                                                                                                            |
| Specificity               | RGS22 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                  |
| Formulation               | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                   |
| Source                    | Polyclonal, Rabbit,IgG                                                                                                                                                                           |
| Purification              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                            |
| Dilution                  | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                 |
| Concentration             | 1 mg/ml                                                                                                                                                                                          |
| Purity                    | ≥90%                                                                                                                                                                                             |
| Storage Stability         | -20°C/1 year                                                                                                                                                                                     |
| Synonyms                  |                                                                                                                                                                                                  |
| Observed Band             | 139kD                                                                                                                                                                                            |
| Cell Pathway              | Cytoplasm . Nucleus . Expressed in the cytoplasm of spermatogonia and spermatocytes. In spermatids, also expressed in the nucleus.                                                               |
| Tissue Specificity        | Testis-specific. Expressed in Leydig cells and spermatogenic cells from the spermatogonia to spermatid stages (at protein level).                                                                |
| Function                  | function:Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.,similarity:Contains 2 RGS domains., |
| Background                | function:Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.,similarity:Contains 2 RGS domains., |
| matters needing attention | Avoid repeated freezing and thawing!                                                                                                                                                             |

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#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

#### Products Images