



# CTSRB Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                 |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-05441                                                                                                                                                                                                                                                                                                     |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>                   | CATSPERB C14orf161                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>                   | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                   |
| <b>Specificity</b>                 | CTSRB Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                 |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                  |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                          |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                           |
| <b>Dilution</b>                    | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                            |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>                    | C14orf161;CatSper beta;CatSper(beta);CATSPERB;CTSRB;CATSPERB<br>C14orf161;Cation channel sperm-associated protein subunit beta (CatSper-beta)                                                                                                                                                                   |
| <b>Observed Band</b>               | 72 kDa                                                                                                                                                                                                                                                                                                          |
| <b>Calculated Molecular Weight</b> | 122kD                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>                | Cell projection, cilium, flagellum membrane ; Single-pass membrane protein .<br>Predominantly located in the principal piece of the sperm tail. .                                                                                                                                                               |
| <b>Tissue Specificity</b>          | Epithelium,Placenta,Testis,                                                                                                                                                                                                                                                                                     |
| <b>Function</b>                    | function:Probably involved in sperm cell hyperactivation via its association with CATSPER1. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization.,subunit:Component of a complex, at least composed of CATSPER1, HSPA1B and CATSPERB., |
| <b>Background</b>                  | function:Probably involved in sperm cell hyperactivation via its association with CATSPER1. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization.,subunit:Component of a complex, at least composed of CATSPER1, HSPA1B and CATSPERB., |

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

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

## Products Images