

## Anti-RPGR antibody (1-260 aa) [SRM5353] (STJ11107262)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/ELISA           |
| Host / Source | Rabbit             |
| Reactivity    | Mouse/Rat          |

### PRODUCT PROPERTIES

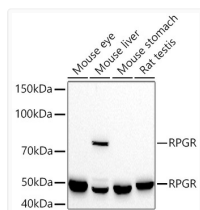
|                     |                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Monoclonal                                                                                                                                            |
| Concentration       | Lot specific                                                                                                                                          |
| Conjugation         | Unconjugated                                                                                                                                          |
| Purification        | Affinity purification                                                                                                                                 |
| Dilution Range      | WB:1:1000-1:2000<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.09% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.                                                                                         |
| Isotype             | IgG                                                                                                                                                   |
| Molecular Weight    | Protein Mw: 113kDa<br>Observed Mw: 50kDa/83kDa                                                                                                        |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                        |

### TARGET INFORMATION

|                    |                                                                                                                                                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">6103</a>                                                                                                                                                                                                                                                |
| Gene Symbol        | <a href="#">RPGR</a>                                                                                                                                                                                                                                                |
| UniProt ID         | <a href="#">RPGR_HUMAN</a>                                                                                                                                                                                                                                          |
| Immunogen Region   | 1-260 aa                                                                                                                                                                                                                                                            |
| Immunogen Sequence | MREPEELMPDSGAVFTFGKS KFAENNPgKFWFKNDVPVHL SCGDEHSVVGTGNNKLYMFG<br>SNNWGQLGLGSKSAISKPTC VKALKPEKVKLAACGRNHTL VSTEGGNVYATGGNNEGQLG<br>LGDTEERTNFHVISFSTSEH KIKQLSAGSNTSAALTEDGR LFMWGDNSEGQIGLKNVSNV<br>CVPQQVTIGKPVSWISCGYY HSAFVTTDGELYVFGPEPENG KLGLPNQLLGNHRTPLVS |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human RPGR (NP_001030025.1).                                                                                                                                                 |

### ADDITIONAL INFORMATION

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|------|-------------------------------------------------------------------------------------------------------------------------|
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |
|------|-------------------------------------------------------------------------------------------------------------------------|



Western blot analysis of various lysates using RPGR Rabbit mAb (STJ11107262) at 1:1000 dilution incubated overnight at 4°C.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.  
 Lysates/proteins: 25 µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit  
 Exposure time: 90s.