



# Arrestin-C Monoclonal Antibody

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| <b>Catalog No</b>                  | YP-mAb-03722                                                                                                                                                                                                                                                                                                                   |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>                   | ARR3                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human ARRC. AA range:339-388                                                                                                                                                                                                                               |
| <b>Specificity</b>                 | Arrestin-C Monoclonal Antibody detects endogenous levels of Arrestin-C protein.                                                                                                                                                                                                                                                |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                        |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                          |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                           |
| <b>Dilution</b>                    | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>                    | ARR3;ARR4;ARRC_HUMAN;Arrestin 3 retinal;Arrestin 3 retinal (X-arrestin); Arrestin 4;Arrestin-C;ARRX;C arrestin;C-arrestin;CAR;cArr;Cone arrestin;Retinal cone arrestin 3;Retinal cone arrestin-3;X arrestin;X-arrestin                                                                                                         |
| <b>Observed Band</b>               | 40kD                                                                                                                                                                                                                                                                                                                           |
| <b>Calculated Molecular Weight</b> | 40kD                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>                | Photoreceptor inner segment . Cell projection, cilium, photoreceptor outer segment .                                                                                                                                                                                                                                           |
| <b>Tissue Specificity</b>          | Inner and outer segments, and the inner plexiform regions of the retina.                                                                                                                                                                                                                                                       |
| <b>Function</b>                    | function:May play a role in an as yet undefined retina-specific signal transduction. Could binds to photoactivated-phosphorylated red/green opsins., similarity:Belongs to the arrestin family.,tissue specificity:Inner and outer segments, and the inner plexiform regions of the retina.,                                   |
| <b>Background</b>                  | The protein encoded by this gene is a non-visual arrestin which binds to agonist-activated, phosphorylated G protein-coupled receptors. This binding uncouples the receptor from the heterotrimeric G protein, resulting in termination of the G protein-coupled receptor signaling. The encoded protein also is a part of the |



centrosome, interacting with gamma-tubulin to help regulate proper centrosome function. [provided by RefSeq, May 2016],

**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**

