



# P5CR3 rabbit pAb

|                                    |                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-17253                                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>                  | Human, Mouse,Rat                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                | IHC,WB                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                   | PYCRL                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>                   | Synthesized peptide derived from human C-ternal P5CR3                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>                 | This antibody detects endogenous levels of P5CR3 at Human, Mouse,Rat                                                                                                                                                                                                                                                    |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                          |
| <b>Source</b>                      | Rabbit,polyclonal                                                                                                                                                                                                                                                                                                       |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                               |
| <b>Dilution</b>                    | WB 1:500-2000 IHC 1:50-200                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>                    | PYCRL;Pyrroline-5-carboxylate reductase 3 (P5C reductase 3) (P5CR 3) (EC 1.5.1.2) (Pyrroline-5-carboxylate reductase-like protein)                                                                                                                                                                                      |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                         |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                         |
| <b>Cell Pathway</b>                | Cytoplasm .                                                                                                                                                                                                                                                                                                             |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                         |
| <b>Function</b>                    | Enzyme that catalyzes the last step in proline biosynthesis. Proline is synthesized from either glutamate or ornithine; both are converted to pyrroline-5-carboxylate (P5C), and then to proline via pyrroline-5-carboxylate reductases (PYCRs). PYCRL is exclusively linked to the conversion of ornithine to proline. |
| <b>Background</b>                  |                                                                                                                                                                                                                                                                                                                         |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                    |
| <b>Usage suggestions</b>           | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                                                                                                       |



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