

## P5CR3 Rabbit pAb

CatalogNo: YT8097

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- IHC, WB

#### MW

- 30kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-200

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human C-terminal P5CR3

**Specificity** This antibody detects endogenous levels of P5CR3 at Human, Mouse, Rat

### Target Information

**Gene name** PYCRL

<b>Protein Name</b>	Pyrroline-5-carboxylate reductase 3 (P5C reductase 3) (P5CR 3) (Pyrroline-5-carboxylate reductase-like protein)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">65263</a> ;	<a href="#">Q53H96</a> ;
	Mouse	<a href="#">66194</a> ;	<a href="#">Q9DCC4</a> ;
	Rat	<a href="#">300035</a> ;	<a href="#">Q5PQJ6</a> ;
<b>Cellular Localization</b>	Cytoplasm .		
<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.		

| Validation Data

| Contact information

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