

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

Protein Name	Pyrroline-5-carboxylate reductase 3 (P5C reductase 3) (P5CR 3) (Pyrroline-5-carboxylate reductase-like protein)		
	Organism	Gene ID	UniProt ID
	Human	65263 ;	Q53H96 ;
	Mouse	66194 ;	Q9DCC4 ;
Cellular Localization	Rat	300035 ;	Q5PQJ6 ;
	Cytoplasm .		
Function	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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P5CR3 Rabbit pAb

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