

P5CR3 rabbit pAb

Catalog No :	YT8097
Reactivity :	Human;Mouse;Rat
Applications :	IHC;WB
Target :	PYCRL
Gene Name :	PYCRL
Protein Name :	Pyrroline-5-carboxylate reductase 3 (P5C reductase 3) (P5CR 3) (EC 1.5.1.2) (Pyrroline-5-carboxylate reductase-like protein)
Human Gene Id :	65263
Human Swiss Prot No :	Q53H96
Mouse Gene Id :	66194
Mouse Swiss Prot No :	Q9DCC4
Rat Gene Id :	300035
Rat Swiss Prot No :	Q5PQJ6
Immunogen :	Synthesized peptide derived from human C-terminal P5CR3
Specificity :	This antibody detects endogenous levels of P5CR3 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 30kD**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.

Subcellular Location : Cytoplasm .

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