

P5CR1 rabbit pAb

Catalog No :	YT8087
Reactivity :	Human;Mouse
Applications :	IHC;WB
Target :	PYCR1
Gene Name :	PYCR1
Protein Name :	Pyroline-5-carboxylate reductase 1, mitochondrial (P5C reductase 1) (P5CR 1) (EC 1.5.1.2)
Human Gene Id :	5831
Human Swiss Prot No :	P32322
Mouse Gene Id :	209027
Mouse Swiss Prot No :	Q922W5
Immunogen :	Synthesized peptide derived from human C-terminal P5CR1
Specificity :	This antibody detects endogenous levels of P5CR1 at Human, Mouse
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 : 35kD

Function : Housekeeping enzyme that catalyzes the last step in proline biosynthesis. Can utilize both NAD and NADP, but has higher affinity for NAD. Involved in the cellular response to oxidative stress.

Subcellular Location : Mitochondrion .

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