

P5CS Rabbit pAb

CatalogNo: YN5999

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 87kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| 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 P5CS

Specificity

This antibody detects endogenous levels of P5CS at Human, Mouse

| Target Information

Gene name

ALDH18A1 GSAS P5CS PYCS

Protein Name	Delta-1-pyrroline-5-carboxylate synthase (P5CS) (Aldehyde dehydrogenase family 18 member A1) [Includes: Glutamate 5-kinase (GK) (Gamma-glutamyl kinase); Gamma-glutamyl phosphate reductase (GPR) (Glutamate-5-semialdehyde dehydrogenase) (Glutamyl-gamma-semialdehyde dehydrogenase)]		
	Organism	Gene ID	UniProt ID
	Human	5832 ;	P54886 ;
	Mouse	56454 ;	Q9Z110 ;
Cellular Localization	Mitochondrion inner membrane .		
Function	Bifunctional enzyme that converts glutamate to glutamate 5-semialdehyde, an intermediate in the biosynthesis of proline, ornithine and arginine.		

Validation Data

Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: http://www.immunoway.com
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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P5CS Rabbit pAb

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