

## Product datasheet for **TA358510**

### PPCS Rabbit Polyclonal Antibody

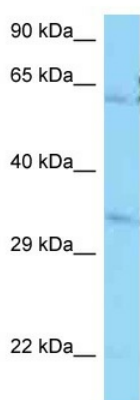
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Sheep, Zebrafish <b>Homology:</b> Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 86%; Pig: 100%; Rat: 100%; Sheep: 93%; Zebrafish: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	31kDa
Gene Name:	phosphopantothenoylcysteine synthetase
Database Link:	<a href="#">NP_078940</a> <a href="#">Entrez Gene 79717 Human</a> <a href="#">Q9HAB8</a>
Background:	Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. PPCS (EC 6.3.2.5), one of the last enzymes in this pathway, converts phosphopantothenate to phosphopantothenoylcysteine.
Synonyms:	COAB; FLJ11838; MGC117357; MGC138220; OTTHUMP00000008433
Protein Pathways:	Metabolic pathways, Pantothenate and CoA biosynthesis

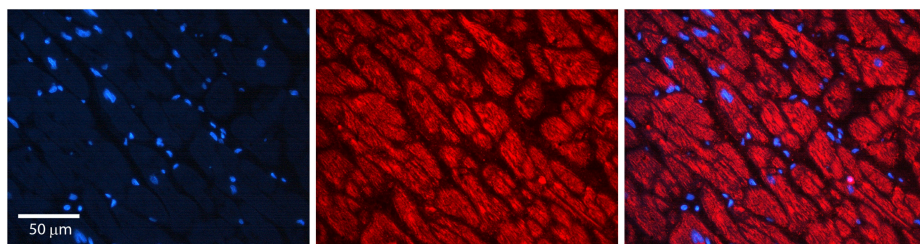


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## Product images:



WB Suggested Anti-PPCS Antibody  
Titration: 1.0 ug/ml  
Positive Control: Jurkat Whole Cell



Rabbit Anti-PPCS Antibody  
Catalog Number: TA358510  
Formalin Fixed Paraffin Embedded Tissue:  
Human heart Tissue  
Observed Staining: Cytoplasmic  
Primary Antibody Concentration: 1:100  
Other Working Concentrations: N/A  
Secondary Antibody: Donkey anti-Rabbit-Cy3  
Secondary Antibody Concentration: 1:200  
Magnification: 20X  
Exposure Time: 0.5–2.0 sec