

## Product datasheet for **TA358507**

### PPCS Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast <b>Homology:</b> Dog: 79%; Horse: 86%; Human: 100%; Mouse: 82%; Pig: 86%; Rabbit: 79%; Rat: 85%; Yeast: 75%
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: HeLa Whole Cell