

# PPCS Rabbit mAb

Catalog # AP76667

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9HAB8</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	34005

## Additional Information

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<b>Gene ID</b>	79717
<b>Other Names</b>	PPCS
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	PPCS
<b>Synonyms</b>	COAB
<b>Function</b>	Catalyzes the second step in the biosynthesis of coenzyme A from vitamin B5, where cysteine is conjugated to 4'-phosphopantothenate to form 4-phosphopantothenoilcysteine (PubMed: <a href="#">11923312</a> , PubMed: <a href="#">12906824</a> , PubMed: <a href="#">29754768</a> ). Has a preference for ATP over CTP as a cosubstrate (PubMed: <a href="#">11923312</a> ).

## Background

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Catalyzes the second step in the biosynthesis of coenzyme A from vitamin B5, where cysteine is conjugated to 4'-phosphopantothenate to form 4-phosphopantothenoilcysteine.

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