

DATASHEET

PPC Synthetase Rabbit Polyclonal Antibody

CAT. NO. APA16556

KEY FEATURES

Target	PPC Synthetase	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Catalyzes the second step in the biosynthesis of coenzyme A from vitamin B5, where cysteine is conjugated to 4'-phosphopantothenate to form 4-phosphopantothenoylcysteine. Has a preference for ATP over CTP as a cosubstrate.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

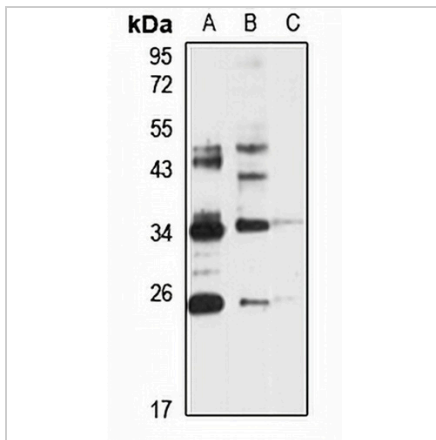
Description	Rabbit polyclonal antibody to PPC Synthetase
Specificity	Recognizes endogenous levels of PPC Synthetase protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PPC Synthetase. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 15; Observed: 34 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	COAB; Phosphopantothenate--cysteine ligase; Phosphopantothenoylcysteine synthetase; PPC synthetase
Gene Symbol	PPCS
Entrez Gene	79717(Human); 106564(Mouse)
SwissProt	Q9HAB8(Human); Q8VDG5(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of PPC Synthetase expression in HeLa (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 15; 34 kD; Observed band size: 34 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.