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PPCS antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15003

Product Information

Application	WB
Primary Accession	Q9HAB8
Other Accession	NM_024664, NP_078940
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Dog, Horse, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34005

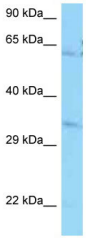
Additional Information

Gene ID	79717
Alias Symbol	FLJ11838, MGC117357, MGC138220, RP11-163G10.1
Other Names	Phosphopantothenate--cysteine ligase, 6.3.2.5, Phosphopantothenoylcysteine synthetase, PPC synthetase, PPCS, COAB
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PPCS antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PPCS antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.