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PPCS antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15003

Specification

PPCS antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q9HAB8
Other Accession	NM_024664, NP_078940
Reactivity	**Human, Mouse, Rat, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Sheep, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**31kDa KDa**

PPCS antibody - N-terminal region - 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.

PPCS antibody - N-terminal region - 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:<a

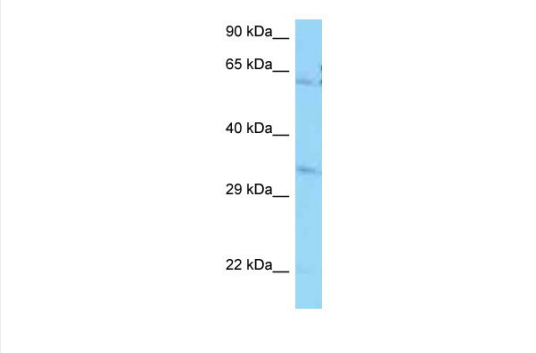
href="http://www.uniprot.org/citations/12906824" target="_blank">12906824, PubMed:29754768). Has a preference for ATP over CTP as a cosubstrate (PubMed:11923312).

PPCS antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PPCS antibody - N-terminal region - Images



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