

PROSC Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP13026b

Specification

PROSC Antibody (C-term) - Product Information

WB.E Application **Primary Accession** 094903 Other Accession NP 009129.1 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 30344 Antigen Region 232-260

PROSC Antibody (C-term) - Additional Information

Gene ID 11212

Other Names

Proline synthase co-transcribed bacterial homolog protein, PROSC

Target/Specificity

This PROSC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 232-260 amino acids from the C-terminal region of human PROSC.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PROSC Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PROSC Antibody (C-term) - Protein Information

Name PLPBP {ECO:0000255|HAMAP-Rule:MF 03225, ECO:0000312|HGNC:HGNC:9457}

Function Pyridoxal 5'-phosphate (PLP)-binding protein, which may be involved in intracellular homeostatic regulation of pyridoxal 5'- phosphate (PLP), the active form of vitamin B6.



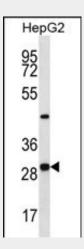
Tissue Location Ubiquitous.

PROSC Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

PROSC Antibody (C-term) - Images



PROSC Antibody (C-term) (Cat. #AP13026b) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the PROSC antibody detected the PROSC protein (arrow).

PROSC Antibody (C-term) - Background

PROSC is ubiquitously expressed in human tissues and has been highly conserved among divergent species from bacteria to mammals, suggesting it has an important cellular function. PROSC is likely to be a soluble cytoplasmic protein, but its function remains to be determined. The P. aeruginosa homolog of this novel gene is located upstream of and may be cotranscribed with a known proline biosynthetic gene, hence the human gene was celled PROSC, for 'proline synthetase cotranscribed, bacterial homolog.'

PROSC Antibody (C-term) - References

Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000) Ikegawa, S., et al. J. Hum. Genet. 44(5):337-342(1999)