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PROSC Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13026b

Specification

PROSC Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	O94903
Other Accession	NP_009129.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
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

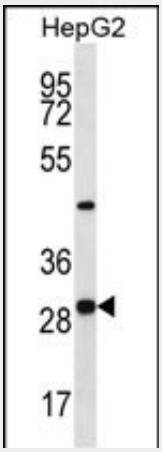
Target/Specificity
This PROSC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 232-260 amino acids from the C-terminal region of human PROSC.

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) (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)

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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
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture