

Product datasheet for **AP53452PU-N**

PLPBP (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western blot: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 231-260 amino acids from the C-terminal region of human PROSC
Specificity:	This antibody reacts to PROSC.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30344 Da
Gene Name:	proline synthetase cotranscribed homolog (bacterial)

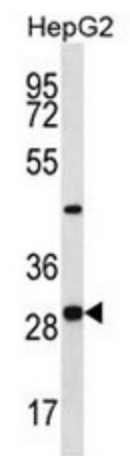


Database Link: [Entrez Gene 11212 Human](#)
[O94903](#)

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 called PROSC, for 'proline synthetase cotranscribed, bacterial homolog.

Synonyms: FLJ11861

Product images:



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