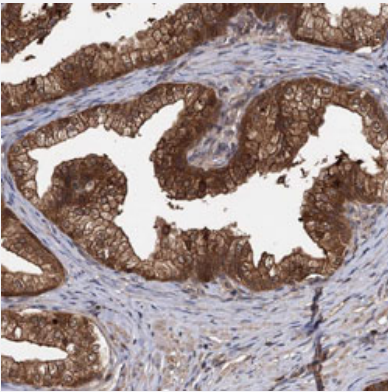


SEPP1 polyclonal antibody

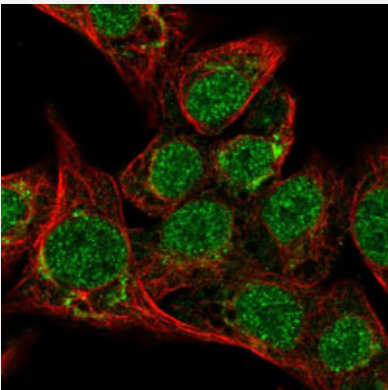
Catalog # PAB31199 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate with SEPP1 polyclonal antibody (Cat # PAB31199) shows strong cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of HepG2 with SEPP1 polyclonal antibody (Cat # PAB31199) (Green) shows localization to nucleus and the Golgi apparatus.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human SEPP1.
Immunogen	Recombinant protein corresponding to human SEPP1.
Sequence	EHIPVYQQEENQTDVWTLNLSKDDFLIYDRGRLVYHLGLPFSFLTTPYVEEAIKAYCEKKCGNCSLTTLKD
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — SEPP1

Entrez GeneID	6414
Protein Accession#	P49908
Gene Name	SEPP1
Gene Alias	SELP, SeP
Gene Description	selenoprotein P, plasma, 1
Omim ID	601484
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a selenoprotein containing multiple selenocysteine (Sec) residues, which are encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. This selenoprotein is an extracellular glycoprotein, and is unusual in that it contains 10 Sec residues per polypeptide. It is a heparin-binding protein that appears to be associated with endothelial cells, and has been implicated to function as an antioxidant in the extracellular space. Several transcript variants, encoding either the same or different isoform, have been found for this gene. [provided by RefSeq]

Other Designations

selenoprotein P

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alzheimer disease](#)
- [Cognition](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Neoplasms](#)
- [Osteoarthritis](#)
- [Ovarian cancer](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)