

Serine carboxypeptidase 1 Rabbit pAb

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Catalog # AP58676

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9HB40
Reactivity	Human
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50831
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RISC/Serine carboxypeptidase 1
Epitope Specificity	121-320/452
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted (Potential).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Vascular smooth muscle activation is a salient feature of several pathological conditions including atherosclerosis, hypertension, vein graft failure, restenosis, and transplant arteriopathy. Several new genes whose proteins could lead to such biological effects have been identified. One such protein is RISC. Tissue expression pattern of Retinoid-inducible serine carboxypeptidase (RISC) in human revealed that it was highly expressed in kidney and heart.

Additional Information

Gene ID	59342
Other Names	Retinoid-inducible serine carboxypeptidase, 3.4.16.-, Serine carboxypeptidase 1, SCPEP1, RISC, SCP1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

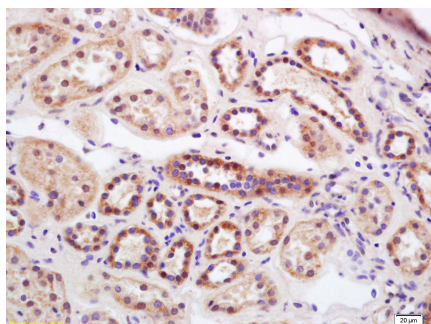
Protein Information

Name	SCPEP1
Synonyms	RISC, SCP1
Function	May be involved in vascular wall and kidney homeostasis.
Cellular Location	Secreted.

Background

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Images



Tissue/cell: Human kidney; 4% Paraformaldehyde-fixed and paraffin-embedded;
 Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
 Incubation: Anti-RISC/Serine carboxypeptidase 1 Polyclonal Antibody, Unconjugated(AP58676) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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