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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SSeCKS - myristylated (PKC) substrate. Sheep Polyclonal Antibody

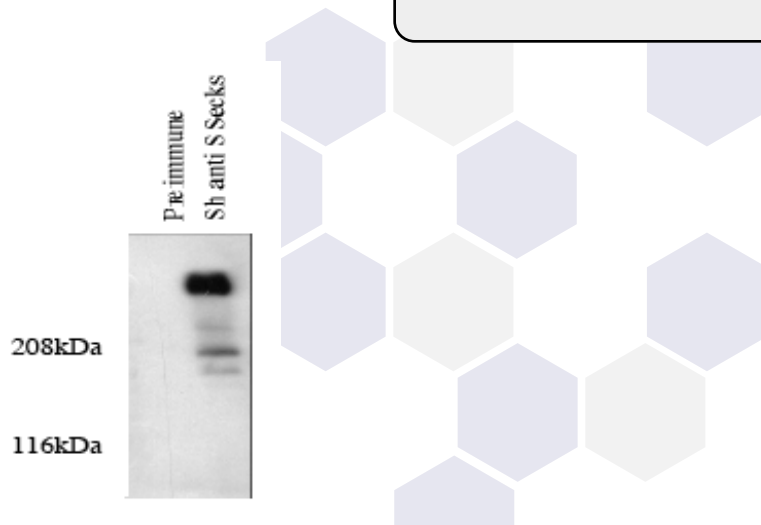
BACKGROUND

Activation of protein kinase C is a key signal transduction event in mesangial cell dedifferentiation and proliferation, yet little is known about downstream substrates or their roles in normal or diseased states. SSeCKS, a novel protein kinase C substrate originally isolated as a src-suppressed negative mitogenic regulator in fibroblasts, controls actin-based cytoskeletal architecture and scaffolds key signaling kinases such as protein kinase C and protein kinase A. Activation of protein kinase C is a key signal transduction event in mesangial cell dedifferentiation. A role for SSeCKS, a PKA/PKC scaffolding protein, has been implicated during the process of spermiogenesis and in the actin-based stellate morphology of mesangial cells

IMMUNOGEN

Recombinant protein corresponding to amino acids 620-1596 of the SSeCKS protein.

Western blotting total cellular protein from cultured rat aortic smooth muscle cells was prepared and analyze. The protein was transferred to a PVDF membrane, blocked 1XTBS, 0.1% tween 20/ 5%NFDM, probed with 5 µg/ml of pre-immune serum 5 ug of S125P antibody (a 3 second exposure is shown). The blot was then washed and probed with monoclonal anti-sheep IgG coupled to HRP 1:10,000, and detected with luminol.



ORDERING INFORMATION

CATALOG NUMBER

S125P

SIZE

250 µg

FORM

Unconjugated

HOST/CLONE

Sheep

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot, Immunoprecipitation, Immunohistochemistry

SPECIES REACTIVITY

Rat

ACCESSION NUMBER

Q62766 , Rat

POSITIVE CONTROL/TISSUE EXPRESSION

Rat aortic smooth muscle

COMMENTS

Antibody can be used for Western blot (2-5 $\mu\text{g/ml}$), immunohistochemistry and immunoprecipitation. Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Ammonium Sulfate Precipitation

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C . Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Lin, X., et al. "A novel src- and ras-suppressed protein kinase C substrate with cytoskeletal architecture." J. Biol. Chem. 1996, 271, 28430-28438
2. Siegel, S.M., et al. "SSeCKS immunolabeling in rat primary sensory neurons." Brain Res. 2002, 926, 126-136
3. Nelson, P.J., et al. "Involvement of the protein kinase C substrate, SSeCKS, in the actin-based stellate morphology of mesangial cells." J. Cell. Sci. 1999, 112, 361-370