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Product Information

Anti-SSeCKS

Developed in Sheep, IgG Fraction of Antiserum

Product Number **S1562**

Product Description

Anti-SSeCKS is developed in sheep using purified rat SSeCKS as the immunogen. The IgG fraction was isolated on immobilized Protein A.

Anti-SSeCKS recognizes SSeCKS protein from rat aortic smooth muscle by immunoblotting and immunoprecipitation.

SSeCKS (Src Suppressed C Kinase Substrate) is a major protein kinase C substrate with tumor suppressor activity in models of src- and ras-induced oncogenic transformation. SSeCKS regulates actin-based cytoskeletal and tissue architecture, as well as kinases such as protein kinase C (PKC), protein kinase A (PKA) and calmodulin. Additionally, SSeCKS, has been implicated in the formation of migratory processes and cell migration during embryogenesis. Rat SSeCKS shares extensive homology with human Gravin, an autoantigen in myasthenia gravis that encodes kinase scaffolding functions and whose expression pattern in fibroblasts and nerves suggests a role in cell motility.

Reagents

Anti-SSeCKS is supplied as 250 µg of sheep IgG in phosphate buffered saline with 0.08% sodium azide.

Precautions and Disclaimer

Due to the sodium azide content, a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazardous and safe handling practices.

Storage/Stability

Antibodies should be stored at -20 °C. For extended storage, freeze in working aliquots. Repeated freezing and thawing is not recommended. Storage in "frost-free" freezers is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

Product Profile

The recommended working concentration is 2-5 µg/ml for immunoblotting using peroxidase conjugated anti-sheep IgG and detection by ECL. The recommended working dilution for immunoprecipitation is also 2-5 µg/ml.

Note: In order to obtain best results and assay sensitivities of different techniques and preparations, we recommend determining optimal working dilutions by titration test.

References

1. Gelman, I.H. et al., Histochem J., **32**, 13-26 (2000).
2. Lin, X. et al., J Biol Chem., **271**(1), 28430-8 (1996).

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