

Datasheet for ABIN264964

anti-AKAP12 antibody (AA 620-1596)[Go to Product page](#)**1** Image

Overview

Quantity:	0.25 mg
Target:	AKAP12
Binding Specificity:	AA 620-1596
Reactivity:	Rat, Cow
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This AKAP12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Recombinant protein corresponding to amino acids 620-1596 of the SSeCKS protein.
Isotype:	IgG
Purification:	Ammonium Sulfate Precipitation.

Target Details

Target:	AKAP12
Alternative Name:	AKAP12 / SSeCKS (AKAP12 Products)
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

Target Details

isolated as a src-suppressed negative mitogenic regulator in fibroblasts, controls actinbased 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 implicatedduring the process of spermiogenesis and in the actinbased stellate morphology of mesangial cells.

Gene ID:	10116
UniProt:	Q62766
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Western Blot: 2-5 µg/mL. Immunoprecipitation. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline with 0.08 % Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	The antibody can be shipped at ambient temperature. Store (in aliquots) at -20 °C only.

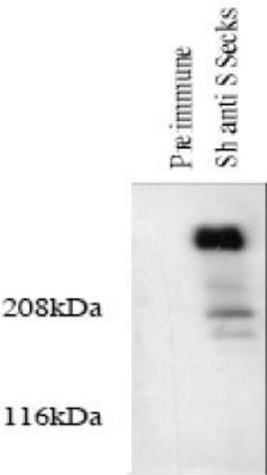


Image 1.