Datasheet for ABIN306670

anti-EPH Receptor B1 antibody (AA 620-1596)

1 Image

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Overview

Quantity:	250 µg
Target:	EPH Receptor B1 (EPHB1)
Binding Specificity:	AA 620-1596
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This EPH Receptor B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Sheep were immunized with a recombinant protein corresponding to amino acids 620-1596 of the SSeCKS protein.
Isotype:	IgG
Cross-Reactivity:	Rat
Characteristics:	Eph B1 (ELK receptor) SAM, Tyrosine-protein kinase receptor EPH-2, Ephrin type B receptor 1, HEK6,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 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

Product Details

	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
Purification:	Ammonium Sulfate Precipitation

Target Details

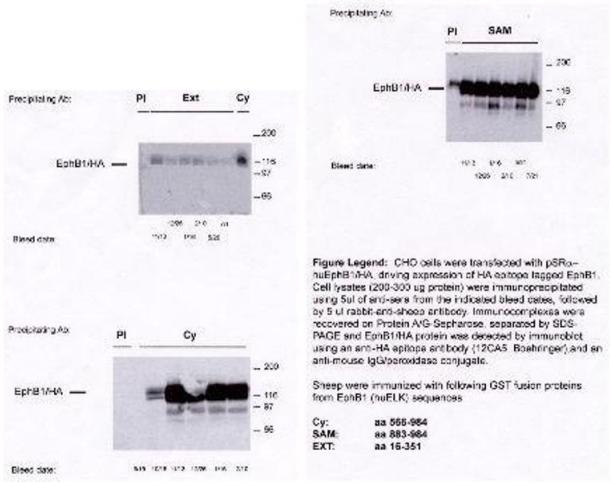
Target:	EPH Receptor B1 (EPHB1)
Alternative Name:	ELK rec tyr Kinase (Eph B1 SAM) (EPHB1 Products)
Pathways:	RTK Signaling

Application Details

Application Notes:	Antibody can be used for Western blot (2-5 µg/mL), immunohistochemistry and immunoprecipitation. Optimal concentration should be evaluated by serial dilutions.
Restrictions:	For Research Use only

Handling

Buffer:	Provided as solution in phosphate buffered saline with 0.08 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles



Immunoprecipitation

Image 1. CHO cells were trasfected with pSR- α huEphB1/HA, driving expression of HA epitope tagged EphB1. Cell lysates (200 -300µg protein) were immunoprecipitated using 5 µl rabbit-anti-sheep antibody. Immunocomplexes were recovered on Protein A/G-Sepharose, separated by SDS- PAGE and EphB1/HA protein was detected by immunoblot using an anti-HA epitope antibody