ANTIBODIES ONLINE

Datasheet for ABIN359301 anti-MARK4 antibody (C-Term)

Image



Overview

1

Reactivity:HumanHost:RabbitClonality:PolyclonalConjugate:This MARK4 antibody is un-conjugatedApplication:Western Blotting (WB), Enzyme Immunoassay (EIA)Product DetailsThis antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human MARK4.Isotype:Ig FractionSpecificity:This antibody reacts to MARK4.		
Binding Specificity:C-TermReactivity:HumanHost:RabbitClonality:PolyclonalClonality:PolyclonalConjugate:This MARK4 antibody is un-conjugatedApplication:Western Blotting (WB), Enzyme Immunoassay (EIA)Product DetailsImmunogen:Instantibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human MARK4.Isotype:Ig FractionSpecificity:This antibody reacts to MARK4.Purification:Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by	Quantity:	0.4 mL
Reactivity:HumanHost:RabbitClonality:PolyclonalClonality:PolyclonalConjugate:This MARK4 antibody is un-conjugatedApplication:Western Blotting (WB), Enzyme Immunoassay (EIA)Product DetailsImmunogen:Inmunogen:This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human MARK4.Isotype:Ig FractionSpecificity:This antibody reacts to MARK4.Purification:Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by	Target:	MARK4
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Purification: Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by	Isotype:	Ig Fraction
	Specificity:	This antibody reacts to MARK4.
	Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

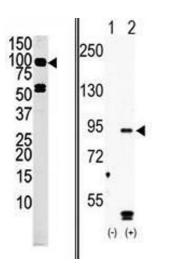
Target:	MARK4
Alternative Name:	MARK4 (MARK4 Products)

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Target Details

Background:	MARK4 contains an N-terminal serine/threonine kinase domain, a central ubiquitin-associated
	domain, and a C-terminal KA1-associated kinase domain. RT-PCR analysis detects upregulated
	expression of the gene for MARK4 in nearly all clinical hepatocellular carcinoma cells. Northern
	blot analysis reveals ubiquitous expression of a 3.6-kb transcript, with highest expression in
	testis. Immunofluorescence microscopy demonstrates homogeneous cytoplasmic expression.
	Colony-forming assays show that MARK4 antisense reduces the growth of SNU475 cells. It has
	been suggested that MARK4 provides a growth advantage to cells.Synonyms: MAP microtubule
	affinity-regulating kinase 4, MARKL1
Gene ID:	57787
NCBI Accession:	NP_001186796
UniProt:	Q96L34
Application Details	
Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

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Western Blotting

Image 1. (LEFT)Western blot analysis of anti-MARK4 Pab in mouse liver tissue lysate (35ug/lane). MARK4(arrow) was detected using the purified Pab (1:40dilution). (RIGHT)Western blot analysis of MARK4 (arrow) using rabbit polyclonal hMARK4-R626 Antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MARK4 gene (Lane 2)

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