

Datasheet for ABIN391222
anti-MARK4 antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	MARK4
Binding Specificity:	AA 611-641, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARK4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MARK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 611-641 amino acids from the C-terminal region of human MARK4.
Clone:	RB5447
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	MARK4
Alternative Name:	MARK4 (MARK4 Products)

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.

Molecular Weight: 82520

Gene ID: 57787

NCBI Accession: [NP_001186796](#), [NP_113605](#)

UniProt: [Q96L34](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

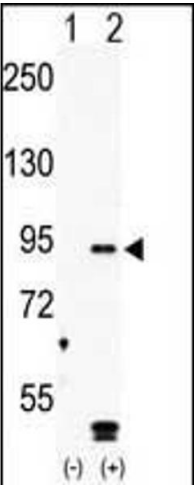
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

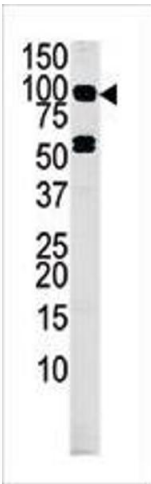
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of RK4 (arrow) using rabbit polyclonal hRK4- Antibody (ABIN391222 and ABIN2841295). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the RK4 gene (Lane 2) (Origene Technologies).



Western Blotting

Image 2. Western blot analysis of anti-RK4 Pab (ABIN391222 and ABIN2841295) in mouse liver tissue lysate (35 µg/lane). RK4(arrow) was detected using the purified Pab.