

Rabbit anti-Human MARK4 Polyclonal Antibody | anti-MARK4 antibody

MARK4 Antibody (C-term)

CATALOG # AAA289933	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

MARK4; Polyclonal Antibody; MARK4 Antibody (C-term); MAP/microtubule affinity-regulating kinase 4; MAP/microtubule affinity-regulating kinase-like 1; KIAA1860; MARKL1; anti-MARK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	611-641
Sequence Length	688
Applicable Applications for anti-MARK4 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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) (Origene Technologies).



WB (Western Blot)

Western blot analysis of anti-MARK4 Pab in mouse liver tissue lysate (35ug/lane). MARK4(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MARK4 antibody	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.
Product Categories/Family for anti-MARK4 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	315467849
NCBI GeneID	57787
NCBI Accession #	NP_001186796.1; NP_113605.2
NCBI GenBank Nucleotide #	NM_001199867.1
UniProt Accession #	Q96L34; Q8NG37; Q96JG7; Q96SQ2; Q9BYD8
Molecular Weight	82520
NCBI Official Full Name	MAP/microtubule affinity-regulating kinase 4 isoform 1
NCBI Official Synonym Full Names	MAP/microtubule affinity-regulating kinase 4
NCBI Official Symbol	MARK4
NCBI Official Synonym Symbols	MARK4L; MARK4S; MARKL1; PAR-1D; MARKL1L
NCBI Protein Information	MAP/microtubule affinity-regulating kinase 4
UniProt Protein Name	MAP/microtubule affinity-regulating kinase 4
UniProt Gene Name	MARK4
UniProt Synonym Gene Names	KIAA1860; MARKL1
UniProt Entry Name	MARK4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.