

Rabbit MARK Polyclonal Antibody | anti-MARK1 antibody

Anti-MARK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259962	Rabbit	Human, Mouse, Rat, Zebrafish	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MARK; Polyclonal Antibody; Anti-MARK Antibody; MARK1; KIAA1477; Serine/threonine-protein kinase MARK1; MAP/microtubule affinity-regulating kinase 1; PAR1 homolog c; Par-1c; Par1c; MARK2; EMK1; Serine/threonine-protein kinase MARK2; ELKL motif kinase 1; EMK-1; MAP/microtubule affinity-regulating; anti-MARK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of MARK protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	758
Applicable Applications for anti-MARK1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MARK. The exact sequence is proprietary.
Gene Symbol	MARK1
Preparation and Storage	Aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of MARK staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of MARK staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of MARK expression in A549 (A), HeLa (B) whole cell lysates.
(Predicted band size: 89; 87; 84; 82 kD; Observed band size: 89 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-MARK1 antibody	Rabbit polyclonal antibody to MARK
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NCBI AND UNIPROT INFORMATION

NCBI GI #	554790379
NCBI GeneID	4139
NCBI Accession #	NP_001273057.1
NCBI GenBank Nucleotide #	NM_001286128.1
UniProt Accession #	Q9P0L2; Q2HIY1; Q5VTF9; Q5VTG0; Q96SW9; Q9P251; D3DTB0; D3DTB1
NCBI Official Full Name	serine/threonine-protein kinase MARK1 isoform 4
NCBI Official Synonym Full Names	MAP/microtubule affinity-regulating kinase 1
NCBI Official Symbol	MARK1
NCBI Official Synonym Symbols	MARK; Par1c; Par-1c
NCBI Protein Information	serine/threonine-protein kinase MARK1
UniProt Protein Name	Serine/threonine-protein kinase MARK1
UniProt Gene Name	MARK1
UniProt Synonym Gene Names	Par-1c; Par1c
UniProt Entry Name	MARK1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mark-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/259962>