

## Rabbit MARK Polyclonal Antibody | anti-MARK antibody

Anti-MARK Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA291130 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Immunofluorescence, Western Blot |

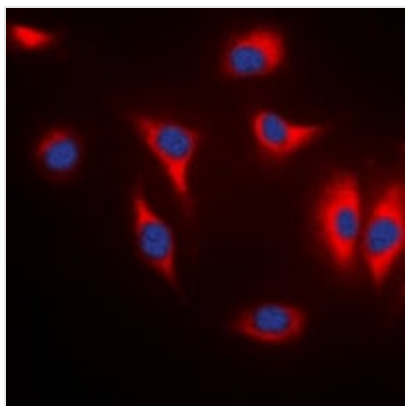
### PRODUCT SYNONYMS

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 kinase 2; PAR1 homolog; PAR1 homolog b; Par-1b; Par1b; MARK3; CTAK1; EMK2; MAP/microtubule affinity-regulating kinase 3; C-TAK1; cTAK1; Cdc25C-associated protein kinase 1; ELKL motif kinase 2; EMK-2; Protein kinase STK10; Ser/Thr protein kinase PAR-1; Par-1a; Serine/threonine-protein kinase p78; MARK4; KIAA1860; MARKL1; MAP/microtubule affinity-regulating kinase 4; MAP/microtubule affinity-regulating kinase-like 1; anti-MARK antibody

### PRODUCT SPECIFICATIONS

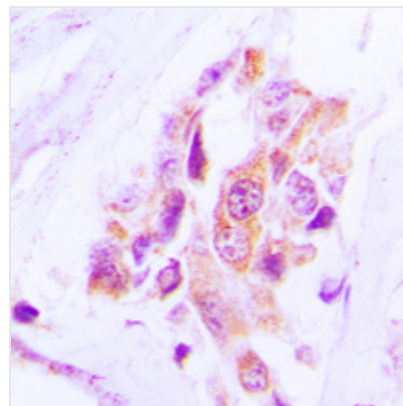
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-MARK antibody | IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                                |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



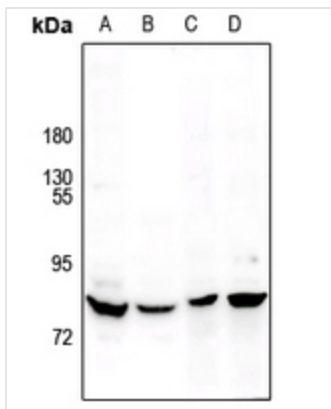
**IF (Immunofluorescence)**

Dilution: IF: 1/50 - 1/200 Immunofluorescent analysis of MARK staining in A431 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 degree 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)**

Dilution: IH 1/50 - 1/200 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)

Dilution: WB 1/500 - 1/1000 Western blot analysis of MARK expression in Panc1 (A), HEK293T (B), mouse brain (C), rat brain (D) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-MARK antibody | Rabbit polyclonal antibody to MARK |
|----------------------------------------------------|------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 153791472                                                      |
| NCBI GeneID                      | 4139                                                           |
| NCBI Accession #                 | NP_061120.3                                                    |
| NCBI GenBank Nucleotide #        | NM_018650.4                                                    |
| UniProt Accession #              | Q9P0L2; Q2HIY1; Q5VTF9; Q5VTG0; Q96SW9; Q9P251; D3DTB0; D3DTB1 |
| Molecular Weight                 | 84,911 Da                                                      |
| NCBI Official Full Name          | serine/threonine-protein kinase MARK1 isoform 2                |
| 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; PAR1 homolog c          |
| UniProt Protein Name             | Serine/threonine-protein kinase MARK1                          |
| UniProt Gene Name                | <b>MARK1</b>                                                   |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/mark-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/291130>