

## Rabbit anti-Human MARK2 Polyclonal Antibody | anti-MARK2 antibody

MARK2 Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA310424</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

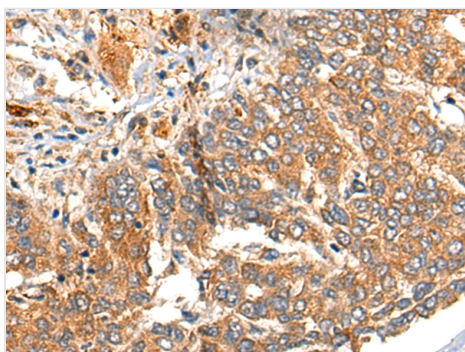
### PRODUCT SYNONYMS

MARK2; Polyclonal Antibody; MARK2 Antibody; EMK1; EMK-1; PAR-1; Par1b; Par-1b; anti-MARK2 antibody

### PRODUCT SPECIFICATIONS

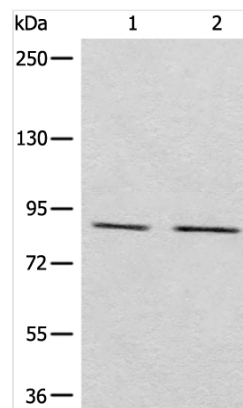
|                                                 |                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------|
| Host                                            | Rabbit                                                              |
| Reactivity                                      | Human                                                               |
| Clonality                                       | Polyclonal                                                          |
| Isotype                                         | IgG                                                                 |
| Specificity                                     | The antibody detects endogenous levels of total MARK2 protein.      |
| Purity/Purification                             | Antigen affinity purification                                       |
| Form/Format                                     | In pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                |
| Concentration                                   | 1.5mg/ml (varies by lot)                                            |
| Sequence Length                                 | 788                                                                 |
| Applicable Applications for anti-MARK2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                       |
| Immunogen                                       | Synthetic peptide corresponding to internal residues of human MARK2 |
| Immunogen Type                                  | Peptide                                                             |
| Preparation and Storage                         | Store at -20 degree C.                                              |

### IMAGES



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46607(MARK2 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



#### SDS-PAGE

Gel: 6%SDS-PAGE lysate: 40 µg, Lane 1-2: Raji and A431 cell lysates, Primary antibody: 46607E(MARK2 Antibody) at dilution 1/800 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MARK2 antibody | This gene encodes a member of the Par-1 family of serine/threonine protein kinases. The protein is an important regulator of cell polarity in epithelial and neuronal cells, and also controls the stability of microtubules through phosphorylation and inactivation of several microtubule-associating proteins. The protein localizes to cell membranes. Multiple transcript variants encoding different isoforms have been found for this gene. |
| Product Categories/Family for anti-MARK2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 254028234                                              |
| NCBI GeneID                      | 2011                                                   |
| NCBI Accession #                 | NP_001034558                                           |
| NCBI GenBank Nucleotide #        | NM_001039469.2                                         |
| UniProt Accession #              | Q7KZI7; Q15449; Q15524; Q5XGA3; Q68A18; Q96HB3; Q96RG0 |
| Molecular Weight                 | 88 kDa                                                 |
| NCBI Official Full Name          | serine/threonine-protein kinase MARK2 isoform d        |
| NCBI Official Synonym Full Names | microtubule affinity regulating kinase 2               |
| NCBI Official Symbol             | MARK2                                                  |
| NCBI Official Synonym Symbols    | EMK1; EMK-1; PAR-1; Par1b; Par-1b                      |
| NCBI Protein Information         | serine/threonine-protein kinase MARK2                  |
| UniProt Protein Name             | Serine/threonine-protein kinase MARK2                  |
| UniProt Gene Name                | MARK2                                                  |
| UniProt Synonym Gene Names       | EMK-1; Par-1b; Par1b                                   |

**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/mark2-antibody-immunohistochemistry-western-blot-elisa/310424>