

## MARK2 polyclonal antibody

Catalog: BS90824

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Microtubule affinity-regulating kinase 2 (MARK2), also known as EMK1 (ELKL motif kinase 1) or Par1b, is a 788 amino acid protein that is a member of the protein kinase superfamily, MARK subfamily. Highly expressed in heart, brain, skeletal muscle and pancreas, MARK2 is essential for the asymmetric development of membrane domains around polarized epithelial cells. Activation of MARK2 by phosphorylation on Thr 208 allows the protein to modulate the building of a columnar versus a hepatic epithelial cell. MARK2 contains one KA1 (kinase-associated) domain, one protein kinase domain and one UBA domain. MARK2 is expressed as 14 isoforms produced by alternative splicing events. Some of these isoforms may function in graft rejection.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

77/88 kDa

### Swiss-Prot:

Q7KZI7(Human)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:500-1:2,000

IHC:1:50-1:200

FC:1:50-1:100

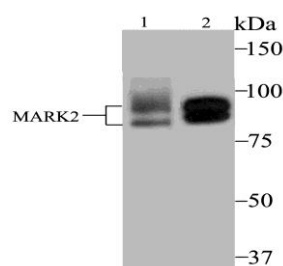
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

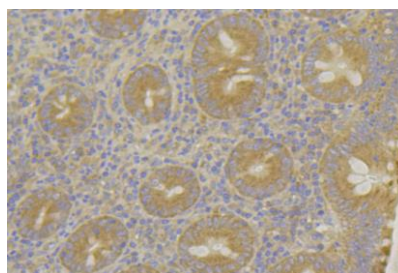
### Specificity:

MARK2 polyclonal antibody detects endogenous levels of MARK2 protein.

### DATA:



Western blot analysis of MARK2 on MCF-7 (1) and SK-Br-3 (2) cell lysate using anti-MARK2 antibody at 1/2,000 dilution.



Immunohistochemical analysis of paraffin-embedded human appendix tissue using anti-MARK2 antibody. Counter stained with hematoxylin.

### Note:

For research use only, not for use in diagnostic procedure.

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