

## MARK2 polyclonal antibody

Catalog: BS61910

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:

~ 78 kDa

### Swiss-Prot:

Q7KZI7

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

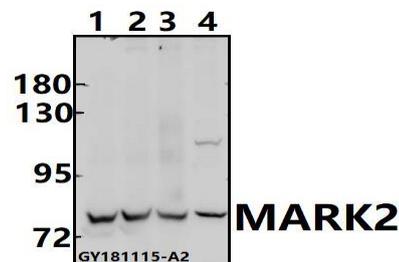
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

MARK2 polyclonal antibody detects endogenous levels of MARK2 protein.

### DATA:



Western blot (WB) analysis of NEIL3 polyclonal antibody at 1:500 dilution

Lane1:HCT116 whole cell lysate(40ug)

Lane2:DLD whole cell lysate(40ug)

Lane3:3T3-L1 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)

### Note:

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

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