# MARK1/2/3/4 (phospho Thr215) rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|---|---|---|---|
| A17340 | Rabbit | 1 mg/ml | 89003 |

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|---|---|
| **Applications** | IHC,ELISA |
| **Reactivity** | Human,Mouse,Rat |
| **Dilution** | IHC: 1:100 - 1:300. ELISA: 1:5000. Not yet tested in other applications. |
| **Storage** | -20°C/1 year |
| **Specificity** | Phospho-MARK1/2/3/4 (T215) Polyclonal Antibody detects endogenous levels of MARK1/2/3/4 protein only when phosphorylated at T215. |
| **Source / Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human MARK1/2/3/4 around the phosphorylation site of Thr215. AA range:181-230 |
| **Uniprot No** | Q9P0L2/Q7KZI7/P27448/Q96L34 |
| **Alternative names** | MARK1; KIAA1477; MARK; 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 affin |
| **Form** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Conjugation** | |
| **Background** | catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-215 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:May play a role in cytoskeletal stability.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. MARK subfamily.,similarity:Contains 1 KA1 (kinase-associated) domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 UBA domain.,subcellular location:Appears to localize to an intracellular network.,tissue specificity:Highly expressed in heart, skeletal muscle, brain, fetal brain and fetal kidney., |
| **Other** | MARK1/2/3/4, Serine/threonine-protein kinase MARK1/2/3/4 |

## Produtc Images：

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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