



MK04 Polyclonal Antibody

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|---------------------------|---|
| Catalog No | YP-Ab-04968 |
| Isotype | IgG |
| Reactivity | Human;Mouse |
| Applications | WB;ELISA |
| Gene Name | MAPK4 ERK4 PRKM4 |
| Protein Name | Mitogen-activated protein kinase 4 (MAP kinase 4) (MAPK 4) (EC 2.7.11.24) (Extracellular signal-regulated kinase 4) (ERK-4) (MAP kinase isoform p63) (p63-MAPK) |
| Immunogen | Synthesized peptide derived from human protein . at AA range: 410-490 |
| Specificity | MK04 Polyclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 ELISA 1:5000-20000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | 64kD |
| Cell Pathway | Cytoplasm . Nucleus . Translocates to the cytoplasm following interaction with MAPKAPK5. . |
| Tissue Specificity | High expression in heart and brain. |
| Function | catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:Phosphorylates microtubule-associated protein 2 (MAP2). May promote entry in the cell cycle.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:High expression in heart and brain., |
| Background | Mitogen-activated protein kinase 4 is a member of the mitogen-activated protein kinase family. Tyrosine kinase growth factor receptors activate mitogen-activated protein kinases which then translocate into the nucleus and phosphorylate nuclear targets. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014], |

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images