

## MK04 Rabbit pAb

CatalogNo: YN0091

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 64kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human protein . at AA range: 410-490

**Specificity** MK04 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** MAPK4 ERK4 PRKM4

<b>Protein Name</b>	Mitogen-activated protein kinase 4 (MAP kinase 4) (MAPK 4) (Extracellular signal-regulated kinase 4) (ERK-4) (MAP kinase isoform p63) (p63-MAPK)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">5596;</a>	<a href="#">P31152;</a>
	Mouse		<a href="#">Q6P5G0;</a>
	Rat		<a href="#">Q63454;</a>
<b>Cellular Localization</b>	Cytoplasm . Nucleus . Translocates to the cytoplasm following interaction with MAPKAPK5. .		
<b>Tissue specificity</b>	High expression in heart and brain.		
<b>Function</b>	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.,		

| Validation Data

| Contact information

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