

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

Protein Name	Mitogen-activated protein kinase 4 (MAP kinase 4) (MAPK 4) (Extracellular signal-regulated kinase 4) (ERK-4) (MAP kinase isoform p63) (p63-MAPK)		
	Organism	Gene ID	UniProt ID
	Human	5596;	P31152;
	Mouse		Q6P5G0;
	Rat		Q63454;
Cellular Localization	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.,		

| Validation Data

| Contact information

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