

## MK13 Rabbit pAb

CatalogNo: YN1615

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, ELISA

#### MW

- 40kD (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: 200-280

#### Specificity

MK13 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

#### Gene name

MAPK13 PRKM13 SAPK4

<b>Protein Name</b>	Mitogen-activated protein kinase 13 (MAP kinase 13) (MAPK 13) (Mitogen-activated protein kinase p38 delta) (MAP kinase p38 delta) (Stress-activated protein kinase 4)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">5603;</a>	<a href="#">O15264;</a>
	Mouse		<a href="#">Q9Z1B7;</a>
	Rat		<a href="#">Q9WTY9;</a>
<b>Cellular Localization</b>	intracellular,cytosol,		
<b>Tissue specificity</b>	Expressed in testes, pancreas, small intestine, lung and kidney. Abundant in macrophages, also present in neutrophils, CD4+ T-cells, and endothelial cells.		
<b>Function</b>	Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,Domain:The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.,enzyme regulation:Activated by phosphorylation on threonine and tyrosine by either of two dual specificity kinases, MAP2K3 and MAP2K6.,Function:Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating downstream targets. Plays a role in the regulation of protein translation by phosphorylating and inactivating EEf2K.,PTM:Dually phosphorylated on Thr-180 and Tyr-182, which activates the enzyme.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed in testes, pancreas, small intestine, lung and kidney. Abundant in macrophages, also present in neutrophils, CD4+ T-cells, and endothelial cells.,		

| Validation Data

| Contact information

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