

M3K12 Rabbit pAb

CatalogNo: YN1593

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 94kD (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: 730-810

Specificity M3K12 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name MAP3K12 ZPK

Protein Name	Mitogen-activated protein kinase kinase kinase 12 (Dual leucine zipper bearing kinase) (DLK) (Leucine-zipper protein kinase) (ZPK) (MAPK-upstream kinase) (MUK) (Mixed lineage kinase)		
	Organism	Gene ID	UniProt ID
	Human	7786;	Q12852;
	Mouse		Q60700;
	Rat		Q63796;
Cellular Localization	Cytoplasm . Cell membrane . Behaves essentially as an integral membrane protein. .		
Tissue specificity	Highly expressed in brain and kidney.		
Function	Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,Domain:Interacts with MBIP through the leucine-zipper motif.,Function:May be an activator of the JNK/SAPK pathway. Phosphorylates beta-casein, histone 1 and myelin basic protein in vitro.,PTM:Autophosphorylated on Ser/Thr. Phosphorylated in cytosol under basal conditions and dephosphorylated when membrane-associated.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with MBIP.,tissue specificity:Highly expressed in brain and kidney.,		

| Validation Data

| Contact information

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