

M4K2 Rabbit pAb

CatalogNo: YN1595

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 90kD (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: 400-480

Specificity M4K2 Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name MAP4K2 GCK RAB8IP

| | | | |
|------------------------------|--|------------------------|--------------------------|
| Protein Name | Mitogen-activated protein kinase kinase kinase kinase 2 (B lymphocyte serine/threonine-protein kinase) (Germinal center kinase) (GC kinase) (MAPK/ERK kinase kinase kinase 2) (MEK kinase kinase 2) (MEKKK 2) (Rab8-interacting protein) | | |
| | Organism | Gene ID | UniProt ID |
| | Human | 5871 ; | Q12851 ; |
| | Mouse | | Q61161 ; |
| Cellular Localization | Cytoplasm . Basolateral cell membrane ; Peripheral membrane protein . Golgi apparatus membrane ; Peripheral membrane protein . | | |
| Tissue specificity | Highly expressed in germinal center but not mantle zone B-cells. Also expressed in lung, brain and placenta and at lower levels in other tissues examined. | | |
| Function | Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,Function:Enhances MAP3K1 oligomerization, which may relieve amino-terminal mediated MAP3K1 autoinhibition and lead to activation following autophosphorylation. May play a role in the regulation of vesicle targeting or fusion.,sequence Caution:Contaminating sequence. Sequence of unknown origin in the N-terminal part.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 CNH domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with TRAF2, MAP3K1 and RAB8A.,tissue specificity:Highly expressed in germinal center but not mantle zone B-cells. Also expressed in lung, brain and placenta and at lower levels in other tissues examined., | | |

| Validation Data

| Contact information

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M4K2 Rabbit pAb

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