



# Goat anti-Human MEK1 (phospho T286) polyclonal antibody (DPABH-23856)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|----------------------------|--|
| <b>Antigen Description</b> | Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates ERK1 and ERK2 MAP kinases. |
| <b>Specificity</b>         | DPABH-23856 recognises MEK1 only when the threonine residue is phosphorylated.   |
| <b>Immunogen</b>           | A synthetic peptide corresponding to a region of Human MEK1 surrounding threonine 286 (NP_002746.1).   |
| <b>Isotype</b>             | IgG  |
| <b>Source/Host</b>         | Goat   |
| <b>Species Reactivity</b>  | Human  |
| <b>Purification</b>        | Immunogen affinity purified  |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | IP   |
| <b>Format</b>              | Liquid   |
| <b>Size</b>                | 100 µg   |
| <b>Buffer</b>              | Constituent: 99% Tris citrate/phosphateNote: pH 7 to 8   |
| <b>Preservative</b>        | 0.09% Sodium Azide   |
| <b>Storage</b>             | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.  |

## GENE INFORMATION

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|------------------------|--|
| <b>Gene Name</b>       | <a href="#">MAP2K1 mitogen-activated protein kinase kinase 2 [ Homo sapiens ]</a>  |
| <b>Official Symbol</b> | MAP2K1   |
| <b>Synonyms</b>        | MAP2K1; mitogen-activated protein kinase kinase 1; CFC3; MEK1; MKK1; MAPKK1; PRKMK1; dual specificity mitogen-activated protein kinase kinase 1; MEK 1; MAPKK 1; MAPK/ERK kinase 1; ERK activator kinase 1; protein kinase, mitogen-activated, kinase 1 (MAP kinase kinase 1); |
| <b>Entrez Gene ID</b>  | <a href="#">5604</a>   |
| <b>Protein Refseq</b>  | <a href="#">NP_002746.1</a>  |
| <b>UniProt ID</b>      | <a href="#">A4QPA9</a>   |
| <b>Pathway</b>         | AGE/RAGE pathway; Activated TLR4 signalling; Acute myeloid leukemia; Alcoholism  |
| <b>Function</b>        | ATP binding; MAP kinase kinase activity; Ras GTPase binding; mitogen-activated protein kinase kinase kinase binding  |