



## Rabbit polyclonal antibody to human Mitogen-activated protein kinase 3 (365-379): Affinity purified

<b>Catalogue No.:</b>	R-1477-100
<b>Description:</b>	Mitogen activated protein kinase (MAPK), also known as Extracellular signal regulated kinase (ERK), is a family with two homologous members; ERK1 (MAPK3) and ERK2 (MAPK1). MAPK3 is involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1 (Ref: SWISSPROT).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide corresponding to a region (365-379 aa) from human Mitogen-activated protein kinase 3 (MAPK3).
<b>Sequence:</b>	365-379
<b>Other Names:</b>	MAP kinase 3; MAPK 3; ERT2; Extracellular signal-regulated kinase 1; ERK-1; Insulin-stimulated MAP2 kinase; MAP kinase isoform p44; p44-MAPK; Microtubule-associated protein 2 kinase; Mitogen-activated protein kinase 1; MAP kinase 1; MAPK 1; p44-ERK1; MAPK3; ERK1; PRKM3;
<b>Accession:</b>	P27361 MK03_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human MAPK3 (precursor) has a predicted length of 379 amino acids and MW of 43 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Mitogen-activated protein kinase 3
<b>Cross-reactivity:</b>	Human; rat; predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub>
<b>Appearance:</b>	White powder
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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