



# Anti-MAP2K4 polyclonal antibody (DPAB-DC1301)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	MAP2K4 (mitogen-activated protein kinase kinase 4) is a protein-coding gene. Diseases associated with MAP2K4 include hypertrophic scars, and hereditary spastic paraplegia, and among its related super-pathways are Immune response BCR pathway and Development EGFR signaling via small GTPases. GO annotations related to this gene include protein serine/threonine kinase activity and protein tyrosine kinase activity. An important paralog of this gene is MAP2K3.
<b>Specificity</b>	This antibody recognizes unphosphorylated and phosphorylated SEK1.
<b>Immunogen</b>	A synthetic peptide corresponding to residues surrounding amino acids 347 of mouse Map2k4.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Dog, Human, Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate),
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS (30% glycerol, 0.5% BSA, 0.01% thimerosal)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">Map2k4 mitogen-activated protein kinase kinase 4 [ Mus musculus (house mouse) ]</a>
Official Symbol	MAP2K4
Synonyms	MAP2K4; mitogen-activated protein kinase kinase 4; MEK4; MKK4; Sek1; JNKK1; Serk1; PRKMK4; dual specificity mitogen-activated protein kinase kinase 4; MEK 4; JNKK 1; MAPKK 4; JNK kinase 1; MAPK/ERK kinase 4; SAPK/ERK kinase 1; SAPK/Erk/kinase 1; MAP kinase kinase 4; JNK-activating kinase 1; C-JUN N-terminal kinase kinase 1; mitogen activated protein kinase kinase 4, variant 1;
Entrez Gene ID	<a href="#">26398</a>
Protein Refseq	<a href="#">NP_033183</a>
UniProt ID	<a href="#">P47809</a>
Chromosome Location	11 B3; 11 40.53 cM
Pathway	Activated TLR4 signalling; Cellular Senescence; Chagas disease (American trypanosomiasis); Epstein-Barr virus infection
Function	ATP binding; JUN kinase kinase activity; MAP kinase kinase activity; kinase activity