



Anti-MAP2K4 polyclonal antibody (DPAB-DC1301)

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	This antibody recognizes unphosphorylated and phosphorylated SEK1.
Immunogen	A synthetic peptide corresponding to residues surrounding amino acids 347 of mouse Map2k4.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Dog, Human, Mouse
Conjugate	Unconjugated
Applications	WB (Cell lysate),
Format	Liquid
Size	100 µg
Buffer	In PBS (30% glycerol, 0.5% BSA, 0.01% thimerosal)
Preservative	None
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Map2k4 mitogen-activated protein kinase kinase 4 [Mus musculus (house mouse)]
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	26398
Protein Refseq	NP_033183
UniProt ID	P47809
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