



Rabbit anti-Human MEK1 polyclonal antibody (DPABH-25887)

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	No cross reactivity with other proteins.
Immunogen	Synthetic peptide corresponding to Human MEK1 aa 353-367 (C terminal). Sequence: KQLMVHAFIKRSDAE Database link: Q02750
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% PBS
Preservative	See individual product datasheet
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	MAP2K1 mitogen-activated protein kinase 2 [Homo sapiens]
Official Symbol	MAP2K1
Synonyms	MAP2K1; mitogen-activated protein kinase kinase 1; CFC3; MEK1; MKK1; MAPKK1; PRKM1; 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);
Entrez Gene ID	5604
Protein Refseq	NP_002746.1
UniProt ID	A4QPA9
Pathway	AGE/RAGE pathway; Activated TLR4 signalling; Acute myeloid leukemia; Alcoholism
Function	ATP binding; MAP kinase kinase activity; Ras GTPase binding; mitogen-activated protein kinase kinase binding
