MAP2K3 (Human) Cell-Based ELISA Kit

Catalog # KA2998 Size 1 Kit

Specification

Product Description	MAP2K3 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of MAP2K3 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — MAP2K3

Entrez GeneID	[5606]
Protein Accession#	[P46734]
Gene Name	MAP2K3
Gene Alias	MAPKK3, MEK3, MKK3, PRKMK3
Gene Description	mitogen-activated protein kinase kinase 3

Omim ID	602315
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. It phosphorylates and thus activates MAPK14/p38-MAPK. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of RAS oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of MAPK14, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of Yersina pseudotuberculosis. Multiple alternatively spliced transcript variants that encode distinct isoforms have been reported for this gene. [provided by RefSeq
Other Designations	MAP kinase kinase 3|MAPK/ERK kinase 3|OTTHUMP00000166044|dual specificity mitogen activated protein kinase kinase 3

Pathway

- Amyotrophic lateral sclerosis (ALS)
- Fc epsilon RI signaling pathway
- GnRH signaling pathway
- MAPK signaling pathway
- Toll-like receptor signaling pathway