MAP2K4 (Human) Cell-Based ELISA Kit

Catalog # KA3487 Size 1 Kit

Specification

Product Description	MAP2K4 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of MAP2K4 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 — MAP2K4

Entrez GeneID	6416
Gene Name	MAP2K4
Gene Alias	JNKK, JNKK1, MAPKK4, MEK4, MKK4, PRKMK4, SEK1, SERK1
Gene Description	mitogen-activated protein kinase kinase 4
Omim ID	601335

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Gene Ontology	Hyperlink
Gene Summary	This gene encodes a dual specificity protein kinase that belongs to the Ser/Thr protein kinase family. This kinase is a direct activator of MAP kinases in response to various environmental stresses or mitogenic stimuli. It has been shown to activate MAPK8/JNK1, MAPK9/JNK2, and MAPK14/p38, but not MAPK1/ERK2 or MAPK3/ERK3. This kinase is phosphorylated, and thus activated by MAP3K1/MEKK. The knockout studies in mice suggested the roles of this kinase in mediating survival signal in T cell development, as well as in the organogenesis of liver. [provided by RefSeq
Other Designations	JNK activating kinase 1|JNK-activated kinase 1|MAP kinase kinase 4|MAPK/ERK kinase 4|SAPK/ERK kinase 1|c-Jun N-terminal kinase kinase 1|dual specificity mitogen-activated protein kinase kinase 4

Pathway

- Epithelial cell signaling in Helicobacter pylori infection
- ErbB signaling pathway
- Fc epsilon RI signaling pathway
- GnRH signaling pathway
- MAPK signaling pathway
- Toll-like receptor signaling pathway

Disease

- Colorectal Neoplasms
- Genetic Predisposition to Disease
- Lung Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms

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