

磷酸化 MAP 激酶相互作用丝氨酸苏氨酸激酶 1 抗体

产品货号： mIR17695

英文名称： phospho-MNK1 (Thr385)

中文名称： 磷酸化 MAP 激酶相互作用丝氨酸/苏氨酸激酶 1 抗体

别名： MNK1 (phospho T385); p-MNK1 (phospho T385); MAP kinase interacting kinase 1; MAP kinase interacting serine/threonine kinase 1; MAP kinase signal integrating kinase 1; MAP kinase signal-integrating kinase 1; MAP kinase-interacting serine/threonine-protein kinase 1; MAPK signal integrating kinase 1; MITOGEN-ACTIVATED PROTEIN KINASE-INTERACTING SERINE/THREONINE KINASE 1; MKNK1; MKNK1_HUMAN; MNK 1; Mnk1.

产品类型： 磷酸化抗体

研究领域： 细胞生物 信号转导 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 51kDa

细胞定位： 细胞核 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthesised phosphopeptide derived from human MNK1 around the phosphorylation site of Thr385:LP(p-T)P

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 : This gene encodes a Ser/Thr protein kinase that interacts with, and is activated by ERK1 and p38 mitogen-activated protein kinases, and thus may play a role in the response to environmental stress and cytokines. This kinase may also regulate transcription by phosphorylating eIF4E via interaction with the C-terminal region of eIF4G. Alternatively spliced transcript variants have been noted for this gene. [provided by RefSeq, Jan 2012]

Function:

May play a role in the response to environmental stress and cytokines. Appears to regulate transcription by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.

Subcellular Location:

Cytoplasm and Cytoplasm. Nucleus.

Tissue Specificity:

Ubiquitous.

Post-translational modifications:

Dual phosphorylation of Thr-250 and Thr-255 activates the kinase. Phosphorylation of Thr-385 activates the kinase.

Similarity:

Belongs to the protein kinase superfamily.

CAMK Ser/Thr protein kinase family.

Contains 1 protein kinase domain.

SWISS:

Q9BUB5

Gene ID:

8569

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

