abcam

Product datasheet

Recombinant Human JNK3 protein ab45153

1 图像

描述

产品名称 重组人JNK3蛋白

纯**度** > 75 % Densitometry.

表达系统 Escherichia coli

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Human

标签 GST tag N-Terminus

技术指标

Our <u>Abpromise guarantee</u> covers the use of ab45153 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 Western blot

形式 Liquid

制备和贮存

稳定性和存储 Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 7.50

Constituents: 0.0418% EGTA, 0.00174% PMSF, 0.385% DTT, 0.79% Tris HCl, 0.00292%

EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride

常规信息

功能 Responds to activation by environmental stress and pro-inflammatory cytokines by

phosphorylating a number of transcription factors, primarily components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. Required for stress-induced neuronal

apoptosis and the pathogenesis of glutamate excitotoxicity.

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组织特异性 Specific to a subset of neurons in the nervous system. Present in the hippocampus and areas,

cerebellum, striatum, brain stem, and weakly in the spinal cord. Very weak expression in testis

and kidney.

疾病相关 Defects in MAPK10 are a cause of epileptic encephalopathy Lennox-Gastaut type (EELG)

[MIM:606369]. Epileptic encephalopathies of the Lennox-Gastaut group are childhood epileptic disorders characterized by severe psychomotor delay and seizures. Note=A chromosomal aberration involving MAPK10 has been found in a single patient. Translocation t(Y;4)(g11.2;g21)

which causes MAPK10 truncation.

序列相似性 Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase

subfamily.

Contains 1 protein kinase domain.

结构域 The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the

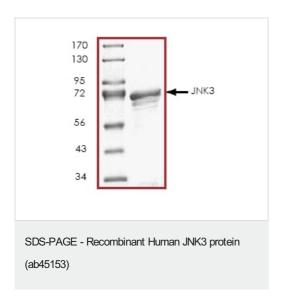
MAP kinases.

翻译后修饰 Dually phosphorylated on Thr-221 and Tyr-223, which activates the enzyme. Weakly

autophosphorylated on threonine and tyrosine residues in vitro.

细胞定位 Cytoplasm.

图片



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