

MEK-7(Phospho Ser271) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11269
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MAP2K7 around the phosphorylation site of Ser271. AA range:236-285
Mol wt	47485
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Dual specificity mitogen-activated protein kinase kinase 7
Synonyms	Dual specificity mitogen-activated protein kinase kinase 7; MAP2K7; JNKK2; MEK7; MKK7; PRKMK7; SKK4; Dual specificity mitogen-activated protein kinase kinase 7; MAP kinase kinase 7; MAPKK 7; JNK-activating kinase 2; MAPK/ERK kinase 7; MEK 7; Stress-activated protein kinase kinase 4; SAPK kinase 4; S

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically activates MAPK8/JNK1 and MAPK9/JNK2, and this kinase itself is phosphorylated and activated by MAP kinase kinase kinases including MAP3K1/MEK1, MAP3K2/MEK2, MAP3K3/MEK5, and MAP4K2/GCK. This kinase is involved in the signal transduction mediating the cell responses to proinflammatory cytokines, and environmental stresses. Alternative splicing results in multiple transcript variants.

Recommended Dilution

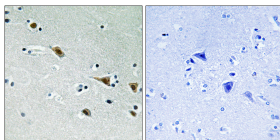
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

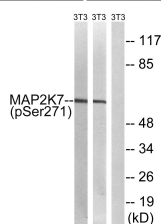
ELISA: 1: 20000

Not yet tested in other applications.

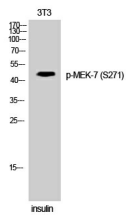
Images



Immunohistochemistry analysis of paraffin-embedded human brain, using MAP2K7 (Phospho-Ser271) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of 3T3 cells using Phospho-MEK-7 (S271) Polyclonal Antibody



Western blot analysis of lysates from NIH/3T3 cells treated with insulin 0.01U/ml 15' and NIH/3T3 cells treated with EGF 200ng/ml 30', using MAP2K7 (Phospho-Ser271) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com